

This catalogue is only a guide. Prices are usually accurate, but please contact us to confirm final prices and quantities.

PLEASE ADD 50% RETAIL SURCHARGE FOR ORDERS UNDER GBP240.

BILLINGTON EXPORT LTD

Specialists in vintage, rare and obsolete
tubes and valves for audio and industry

**WHOLESALE VALVE & SOCKETS CATALOGUE
MARCH 2026 v1**

www.billingtonexportltd.com

Established 1981

+44 (0)1403 784 961

Our preferred contact method is via :

sales@billingtonexportltd.com

please as we need to check stock, prices & data which unfortunately cannot be done whilst you wait on the phone, so email communication is preferred, thank you.

Please email or telephone, for prices and availability

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THE CATALOGUE

Our aim is to provide top quality valves/tubes at competitive prices, to our customers all over the world. We try to treat our customers as we would want to be treated.

This catalogue lists our most popular lines and provides brief information, but is not a complete listing of our stock.

We have constantly moving stock and new items are always becoming available.

**PLEASE ENQUIRE ABOUT ANY TYPE NOT LISTED AS WE HAVE APPROXIMATELY
1 MILLION VALVES IN STOCK**

We also stock sockets and top caps.

Please see our **SOCKETS AND MORE CATALOGUE** at the end of this Catalogue
(this has its own page numbers, SOCKETS 1, etc))

Demand for audio tubes/valves continues to increase. We stock over one million rare and obsolete tubes/valves including brands such as Mullard, GEC, STC, Brimar and other classic brands such as RCA, Sylvania, Siemens, Telefunken, AEG, Tungram, RFT [Germany] and Tung-Sol, all of whom stopped manufacturing around 40 years ago.

The quality of current production Chinese tubes and valves has greatly improved. We also stock Sovtek [Russia], Svetlana [Russia], JJ [Slovakia], Ei [Yugoslavia], Western Electric & KR Ent. [Czech Republic].

This catalogue contains lists of

Tubes for guitar amplifiers, hi-fi, domestic radio, amateur radio, RF welding as well as tubes for medical and industrial applications
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Camera tubes

CV type

Klystrons

Photomultipliers

Thyratrons

Transmitter valves

Travelling wave tubes

TR cells

Chinese, Russian and EI [former Yugoslavia] valves, all types available, please enquire.
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THE GRADE IS COLOUR CODED FOR EASE

BLUE = NOS (MAJORITY OF STOCK)

And the whole line is in blue

RED = GRADE ONE*

GREEN = USED

* **Grade One** valves are slightly used items of best physical appearance.

Unless stated otherwise they have small stains in the glass. Stains may also mean small imperfections to getter, base, for example.

Occasionally we have **Grade One** items with NO stains. These cost MORE THAN THE PRICES LISTED in this catalogue. Please enquire for prices.

In **all** cases **Grade One** items are individually tested to a **minimum** of **80 percent** emission [gm] and **minimum** of **80 percent** Ia. They are **guaranteed** and presented in attractive packaging. Statutory rights are unaffected.

Selected with the **audiophile** in mind. Standard used valves sometimes have print missing making it hard to see the type number and brand logo.

Grade One valves always carry the type number and appropriate **logo** [**GEC, Mullard, Sylvania** etc.]

Grade One are superior in appearance and performance to usual used valves supplied by other companies.

***Most tubes & valves in our warehouses are not already tested
as this is done after a definite order is placed***

MATCHED SET TESTING

Available on request. We can test new valves into pairs, quartets, octets etc. This test involves all valves in the match being within 10 percent of one another on anode current and gm.

Matched pairs: GBP3.00 per anode TRADE, or GBP5.00 per anode RETAIL.

Matched quads, triplets, sextet, etc: GBP5.00 per anode TRADE, or GBP7.00 per anode RETAIL.

Matched pair testing is "subject to availability". To make 1 match pair we need 10 or 20 tubes of the same brand & appearance. If we have, for example, 5 of one brand the chance of a match pair from 5 pieces is very unlikely.

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BILLINGTON GOLD

Billington Gold valves are individually tested within very tight limits and inspected for superior physical conformity and mechanical construction.

Billington Gold valves make valve amplifiers sound better.

Billington Gold valves are:

- Selected from the best world-wide manufacturers with emphasis on the highest audio quality and product reliability.
- Selected for long life, low microphony and low noise.
- Guaranteed for 12 months from dispatch date. Statutory rights unaffected.
- Supplied with original logo and in an attractive blue/red/gold original box.
- Gold plated pin versions are available.

Billington Gold valves have a good reputation world-wide especially amongst Asian audiophiles.

If your order consists ENTIRELY of **Billington Gold** items, then dispatch of your parcel will be faster than orders of other brands. Same day dispatch is sometimes possible on Billington Gold items.

STOCKLIST

We do not have all of our stock listed in our catalogue, therefore please visit our website and find the free download called Stocklist on the bottom right-hand side at:

www.billingtonexportltd.com/catalogue-1

The list is not 100% accurate as we hold so much stock, but it gives you a good idea. Quantities vary from a single piece to many thousands, depending on the type.

Please contact our sales office who will be very happy to supply details of quantities, brands and prices.

TECHNICAL INFORMATION PROVIDED IN THE CATALOGUE

We will advise where possible, but data etc provided in the catalogue assumes that you are an experienced electronic technician.

Please note that several people have provided us with technical data (mainly more than 10 years ago). You are free to use this data as a free gift, in good faith, if you are an experienced electronic technician, to study and aid development of your own ideas.

Data provided in the catalogue is believed to be good quality and correct but we don't accept responsibility for the results.

The data you see in the catalogue is therefore intended to be a guide only - not step-by-step instructions.

We try to be helpful but advice, available by email only, is limited. We cannot usually advise about valve data by telephone.

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VISITS OR GOODS COLLECTION

*Visitors to our premises **by appointment only** please*

If you would like to collect goods from our premises, please state specific items required **3 working days** before your pre-arranged visit, so that we can collect items from one of our buildings and carry out testing etc, thank you (we are closed Saturday/Sunday and UK Bank Holidays). *We like to help, but please understand that we are a wholesaler, not a retail shop. Often we can improve on the 3 days mentioned above, if it's agreed in advance .*

Please refer to our website for our full terms and conditions:

www.billingtonexportltd.com

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CATALOGUE INDEX OF TERMS AND ABBREVIATIONS

ALTERNATIVES	If we say, "An alternative to EF86", this does not mean it is an equivalent. If you are building equipment, you might modify the circuit, socket, etc, (to adapt the circuit, to use the alternative cheaper tube, instead of rare and expensive "classic" UK/USA made tubes like EF86). If you're investing in tubes for future audio amplifier building, tubes described as "alternative" are lower cost, more plentiful and worth considering. Ask for free data, we can often help.
Audio rectifier / audio triode	Tubes that can be "adapted" for audio purposes. As tubes becomes scarcer, people are adapting low cost "non-audio tubes", to possess a good stock for the future. "Audio rectifier" means tubes that can be adapted for audio, although when first built, 40, 60 or 80 years ago, their primary function was non audio.
Audio type	These types are already established in amplifier use.
BB	BUBBLE BAG. Some used valves and Grade One valves costing less than GBP2.00, will now be supplied in bubble bags.
BILLINGTON GOLD	Tested within very tight limits and inspected for superior physical conformity. Guaranteed. A good reputation worldwide, especially amongst Asian audiophiles. Blue/red/gold original box. Statutory rights are unaffected.
BP	BULK PACKED. Valve is packed in "bulk pack" or "egg crate".
Conditional guarantee	GUARANTEE limited to that offered to us by the individual suppliers concerned. These suppliers usually give free of charge replacements in the unlikely event of any problems, depending on the technicalities of any returned item. Statutory rights are unaffected.
SEPTEMBER 2025 v1	GOVERNMENT BOX.
	Valve with minimum of 80% emission, somewhat used appearance. With guarantee. Statutory rights are unaffected.
G1	GRADE ONE BOX. Packed in our own attractive Grade One box and packaging.
MIXED	A random selection of good brands. If you wish to specify particular brands, please add an extra GBP1.00 per valve for sorting.
NOS	NOS means "new old stock." Vintage made valves that are in new condition. NOS tubes are vintage manufacture, discontinued, rare and obsolete. New, yet old, hence NOS. 90 percent of our tubes are over 40 years old. If the original boxes "OB" have not survived the years, then we supply the valves in clean white boxes "WB". Our catalogue will show "OB" or "WB" accordingly. All of the above is standard practice throughout the valve industry. Statutory rights are unaffected. We want you to be satisfied. Unless specifically marked otherwise, all tubes carry our "no fuss" guarantee.
OB	ORIGINAL BOX – if denoted 'original box' we will supply to you in the manufacturer's old original individual boxes.
POA	PRICE ON APPLICATION - we might or might not have stock, please enquire.
Potential audio type	<p>* If you or your clients want to build audio amplifiers with fresh, innovative types of tube, then "potential audio types" are for you.</p> <p>* Our consultants have successfully built audio amplifiers with many of these types. Potential audio types are better value for money compared with "well-known" audio valves (such as ECC83, 300B, EL34, KT88 etc).</p> <p>* The advantage to you of these types is that for a lower cost you get a UK/USA made item. UK/USA are often expensive and very limited in quantity.</p> <p>* Potential audio types are available in good quantities, good quality and a low price.</p> <p>* Please refer to "audio rectifier." Further up this page.</p>
PRICE	All prices are in British Pounds Sterling (GBP). Please contact us for confirmation and current quotation. All items are offered subject to prior sale. Quantities available and prices vary. Unless specified otherwise all prices, including bulk offers eg 4 pieces @ GBP50, are for one tube .
SIMILAR	When we refer to a tube as being similar it means that the data is close to that of the original tube but the data/socket/pinout may be different. Please ask us for a data sheet, which should provide the necessary information. See also "similarities".
SIMILARITIES	When we refer to a tube as having similarities to another, this means that the data is fairly close to the original, but the data/socket/pinout may be significantly different, so the circuit may require modification. <i>If you're investing in tubes for future audio amplifier building, these UK/ USA made tubes are worth considering as there is a good supply of them at sensible prices, especially if new designs are being considered.</i>
USED	Ex-equipment/pulls, not new appearance but carefully tested, with clean appearance. 60% to 80% emission. With guarantee. Statutory rights are unaffected.
WB	Unless clearly stated as Used, white-boxed items are genuinely new, clean, with guarantee. Statutory rights are unaffected.

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
01A	NOS	These are 01A or equivalent to 01A. They are shoulder shape NOS.	WB	50.00
01A / 201A	USED	These are 201A UX201A or other equivalents to 01A. They are globe shape, long pin. NOS.	WB	50.00 4 @ 35.00
0A2	NOS	Please refer to OA2.		
0A2WA	NOS	Please refer to OA2WA.		
0A3	NOS	Please refer to OA3.		
0B2	NOS	Please refer to OB2.		
0B2WA	NOS	Please refer to OB2WA.		
0C35	NOS	Please refer to OB35.		
0C71	NOS	Please refer to OC71.		
0D3	NOS	Please refer to OD3.		
0RP12	NOS	Please refer to ORP12.		
01A / 201A	GRADE 1	These are 01A, ST shape. Equivalent to 301A. UX201A. Tested as Grade 1, good appearance.	G1	15.00 5 @ 13.00
01A / 201A	GRADE 1	These are 201A or UX201A. Equivalent to 01A. They are globe shape, long pin. Tested as grade 1, good appearance. Some look or test nearly new.	G1	35.00 3 @ 33.00
1AD4	NOS	Raytheon USA. Potential audio type. This type is referred to in Vacuum Tube Valley magazine, Issue 13. This is a sub miniature tube with 1.25V filament. Data available free.	OB/GVT	3.00 20 @ 2.75 300 @ 2.40
1AE4	NOS	West European / USA made, including Raytheon.	GVT	5.00 20 @ 3.75 70 @ 3.50
1B3GT	NOS	Or CV1830, GE, RCA, Sylvania and Westinghouse, USA. NOS. CV1830 high voltage rectifier. Approx 20 of each brand.	Mostly OB	3.00 100 @ 2.50
1C5GT	NOS	USA. NOS.	OB/WB	3.00 100 @ POA
1E7G	NOS	USA. NOS and guarantee. Includes Sylvania, GE & Westinghouse.	OB/WB	3.20 16 @ 3.00
1EP1	NOS	UK/USA NOS. Good quantities in actual physical stock. Please enquire.	Most OB	POA
1G3GT	NOS	USA. NOS. high voltage rectifier.	OB/WB	2.40 100 @ 2.00
1H5GT	NOS	UK/USA NOS. Good quantities in actual physical stock. Please enquire.	Most OB	POA
1L6	NOS	USA. NO	OB/WB	30.00
1N-1	NOS	Alias IN1, large Nixie tube for clocks etc. USSR vintage NOS.	OB/WB	8.00 20 @ 7.00
1N3883	NOS	Made in UK or USA. NOS/New. 6A 400V Fast Recovery Diode in military pack, minimum order 10 pieces.	GVT	10 @ 2.00 50 @ 1.60
1N5GT	NOS	USA. NOS.	OB/WB	3.00 100 @ POA
1P5G/ GT	NOS	USA NOS.	OB/WB	10
1P21	NOS	USA NOS.	OB/WB	30
1P22	NOS	USA NOS.	OB/WB	30
1P25	NOS	USA NOS.	OB/WB	30
1P28	NOS	USA NOS.	OB/WB	48
1P29	NOS	USA NOS.	OB/WB	15
1P37	NOS	USA NOS.	OB/WB	15
1P39	NOS	USA NOS.	OB/WB	48
1P39 / 929	NOS	These are 929. Equivalent or near equivalent to 1P39. RCA/other USA NOS.	OB/WB	60
1P40	NOS	USA NOS.	OB/WB	15
1P41	NOS	USA NOS	OB/WB	15
1P42	NOS	USA NOS.	OB/WB	15
1Q5GT	NOS	USA GE, Sylvania, Tung-Sol or Mullard UK or Fivre Italy. NOS.	OB/WB	3.00 100 @ POA
1R5	NOS	RCA, Sylvania and Westinghouse, USA. NOS. A few Mullard, most have logos. Equivalent to DK91. B7G socket to fit from stock. Data: Vf=1.4V, If=50mA, Va=90V, Ik=2mA.	Mostly OB	5.00
1S4	NOS	USA. NOS.	OB/WB	3.00 100 @ POA
1S4110A	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	POA
1S5 / DAF91	NOS	USA / UK NOS. Several brands including Ediswan, RCA, Tung-Sol & Westinghouse.	GVT	3.00

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
1U5	NOS	UK/USA NOS. Good quantities in actual physical stock. Please enquire.	Most OB	POA
2-50A	NOS	USA NOS HV rectifier.	OB/WB	40.00 6 @ 35.00
2A3	NOS	Chinese by the Shuguang factory NOS tested guaranteed. UX4 base, 4 only.	OB/WB	40.00 4 @ 37.50
2A3	NOS	Chinese 8 pin, when available. Rare, expensive.	WB	POA
2A3	NOS	Chinese. Please refer to 2A3B equivalent.	OB/WB	50.00
2A3	NOS	RCA logo, USA. NOS. If ever available GBP90 wholesale double anode. GBP360 single anode.	OB/WB	POA
2A3	NOS	USA. NOS. Brimar, Sylvania, Westinghouse etc. When available GBP80.	WB	POA
2A3 / 2A3-40	NOS	JJ logo. New, tested, guaranteed, black base. A plug in replacement for any 2A3. 8 only in stock. The manufacturer says, "Quite possibly the sturdiest modern production triode we have ever seen. This JJ 2A3 boasts a 40 watts plate dissipation rating which will provide wider dynamic response to any system. This 2A3 is single plate construction. This tube looks and sounds fantastic." A client said, "The JJ 40 Watt 2A3 has improved soundstage with better definition. The instruments are more separated and distinct. If you have a variable filament transformer, the tube is un-phased by lower filament voltages. Overall the tube is just more robust sounding and powerful than any other 2A3". Colourful OB.	OB	115.00 4 @ 85.00
2A3 / 2A3B	NOS	These Psvane logo Chinese 2A3B plug in to replace 2A3 in all cases. New, tested, guaranteed.	OB/WB	55.00 10 @ 50.00
2A3 / 2A3C	NOS	These Psvane logo Chinese 2A3C plug in to replace 2A3 in all cases. New, guaranteed & tested. Improved design with carbon anode.	OB	60.00 10 @ 55.00
2A3B	NOS	These Chinese 2A3B plug in to replace 2A3 in all cases. Unused, look new and clean guarantee but test 65-85 percent emission. Psvane logo.	OB	32
2A5	NOS	USA NOS. Several different brands but sets of 2 the same brand same appearance/brand.	OB/WB	13.00 10 @ 11.00 20 @ POA
2A6	NOS	Fivre Italy NOS. Audio diode/triode [UX6 socket, to fit, in stock].	WB	5.00 5 @ 2.80
2B22	NOS	USA NOS. Offers considered for 10 pieces.	OB	66.00 10 @ 55.00
2BP1	NOS	CV3678. Made by RCA in USA, for the British Government. 2 inch CRT. NOS.	OB/WB	16.00 20 @ 14.00
2BP31	NOS	Made by Brimar UK 2 inch CRT. NOS.	OB/WB	12.50 30 @ 11.00
2C22	NOS	USA NOS. Audio type, stock. Please refer to 7193 equivalent.	OB	POA
2C26 / 2C26A	NOS	West European made, including Brimar. STC.	OB/WB	3.00 30 @ 1.80
2C34	NOS	& equivalents, like 10 x 4074A, 10 x VT61A, 6 x DET19, 2 x RK34 & 2 x CV18. In sets of 2 of the same brand & appearance. UK/USA NOS. Includes GEC UK, Raytheon USA NAFTA Union, STC/Brimar, Osram. NOS. With guarantee. Potential audio type. Photo/data www.r-type.org/exhib/aac0019.htm scroll down for the data pdf.	OB/WB	10.00 10 @ 7.00 50 @ 5.50
2C39A	NOS	ITT/STC UK and Matchlett, USA.	WB	35.00 50 @ 20.00
2C39BA / 7289	NOS	RT logo made in France. NOS. Uniform and with guarantee. This RF transmitter triode can be adapted for audio. A page discussing audio application can be emailed on request. Might make a powerful audio amplifier. 100W! Near offers considered for 20 pieces or more.	OB	4 @ 15.00 20 @ 12.00 100 @ 10.00
2C39BA	NOS	GE USA and STC UK.	WB	35
2C40	NOS	UK/USA NOS. Good quantities in actual physical stock. Please enquire.	Most OB	POA
2C46 / CV2933	NOS	Mullard, UK NOS. 2C46 is a high gain, broadband lighthouse triode. Data www.r-type.org/exhib/aaa0132.htm	GVT	9.00 60 @ POA
2C51	NOS	Please refer to 5670. Equivalent to 396A.		
2C51 / 396A	NOS	Western Electric logo. USA NOS. Square getter, black anode.	OB	POA

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2C51 / 396A	USED	Western Electric logo. Square getter, black anode. USA made. Used but test approximately 65 to 75 percent emission.	Used OB	22
2C52	USED	USA, tested. Used, guaranteed. Various USA brands. You will receive 2 of the same brand & appearance.	WB	8.00 12 @ 7.00
2C53	NOS	USA brands when available.	GVT	POA
2D21	NOS	Brimar logo. Imported NOS, guaranteed.	OB	7.00 17 @ 6.00
2D21	NOS	Zaerix logo, made by RRT Germany or Russia.	WB	5.00 50 @ 4.50
2D21	NOS	Please refer to 5696 for super low cost possible alternative, not equivalent.		
2D21 / 2D21W / EN91	NOS	Mullard made in UK / Holland.	OB/WB	5.00 10 @ 4.00 48 @ 3.50
2D21 / 5727	NOS	GE, Raytheon, RCA, Sylvania - USA, NOS. In sets of 8 or more pieces of the same brand / same appearance.	OB/WB	5.00 10 @ 4.00 100 @ 3.00
2E24	NOS	80 RCA logo & 200 Hytron logo, USA. NOS. Octal base. *Suitable as an audio output tube with over 50 watts in class AB2!* Data: Vf=6.3V, If=650mA, Va=500V, Ik=75Ma http://frank.pocnet.net/sheets21.html#_blank	GVT	6.00 10 @ 5.50 280 @ 4.50
2E26	NOS	Mullard, Sylvania & RCA, USA. NOS.	Most OB	5.00 16 @ 4.00
2E32	NOS	Please refer to 6611 for a possible alternative, not identical.		
2G220 / CV8322	NOS	Semi-conductor made in UK/USA. In stock.	OB/WB	POA
2J55	NOS	Chinese made, NOS. 90 day guarantee. 1 ONLY.	OB/WB	150
2K25	NOS	Mullard, UK NOS. Klystron.	GVT	30
2N43A	NOS	Transistor. USA or UK made. NOS. VINTAGE GERMANIUM PNP TRANSISTOR. Not substitutes, but actual 2N43A marked. Great for fuzz box construction. Long leads.	OB/WB	4.00 25 @ 3.00 500 @ 2.50
2N1308	NOS	Transistor. USA or UK made. NOS. VINTAGE GERMANIUM TRANSISTOR. Not substitutes, but actual 2N43A marked. Great for fuzz box construction.	OB/WB	2.30 25 @ 1.63
2N5172	NOS	Transistor. USA or UK made. NOS. 25 pieces for GBP20. Equivalent to 0.80 GBP each but we cannot split the 25 pieces	OB/WB	20
2P	NOS	Cossor, UK NOS audio triode. If available, then estimated wholesale price is GBP200.	OB	POA
2S22 / CV5099	NOS	Semi-conductor made in UK/USA. In stock.	OB/WB	POA
2X2A	NOS	USA NOS. Brands include RCA, National Union and others. You will receive 5 pieces identical brand. Appearance may vary. Guaranteed.	Most GB	2.50 5 @ 1.80 300 @ 1.50
3-200A3	NOS	Alias GL-592. Huge triode, possible audio application. I	OB/WB	100.00 2 @ 90.00 6 @ 80.00
3-400Z	NOS	Eimac, USA made NOS. With guarantee. We have sockets for these.	WB	POA
3-500Z = 3-500c	NOS	Chinese made. NOS Tested, guaranteed. Socket 5FB fits. Same price for retail or wholesale.	OB/WB	130
3-500Z	NOS	Eimac, USA. NOS. Occasionally available.	OB/WB	POA
3-1000Z	NOS	Huge triode, possible audio application. Eimac, USA. NOS. Approximately 20 years old. Tested and very clean with guarantee. One piece only. Eimac no longer make this tube, but Amperex recently charged over 2000GBP. Data: http://tubedata.philipse.info/ if you have difficulty please contact our office.	OB	400
3-1000Z	USED	Huge triode, possible audio application. Eimac, USA. NOS. Approx 20 years old. Tested used, decent appearance with guarantee. One piece only. Data: http://tubedata.philipse.info/ if you have difficulty please contact our office.	OB	200
3A4	NOS	Mullard, Siemens and Valvo, West European brands.	OB/WB/	3
3A4 / DL93	NOS	NOS audio pentode for studio driven computer speakers. Data/photo http://www.r-type.org/exhib/aa10104.htm MWT Marconi UK, Brimar UK, Philips West European brands. Data: http://tubedata.philipse.info/ if you have difficulty please contact our office.	OB/WB	3.50 20 @ 2.50 100 @ 2.25
3A4 / DL93	NOS	NOS audio pentode for studio driven computer speakers. Data/photo http://www.r-type.org/exhib/aa10104.htm Tungfram Hungary. Data: http://tubedata.philipse.info/ if you have difficulty please contact our office.	OB/WB	3.00 10 @ 2.50 100 @ 2.00

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3A5 / DCC90	NOS	50 RCA logo USA. NOS. Some are square getter. Also x 20 Fivre with rare & interesting Italian military sticker.	OB	7.50 20 @ 7.00 50 @ 6.50
3A5 / DCC90	NOS	USA NOS, tested with logo. Westinghouse, Raytheon.	Most OB	6.50 50 @ 6.00 100 @ POA
3A-107A	NOS	STC logo, UK NOS. Sets of 2 or 4 pieces of the same appearance should be in stock.	GVT	30.00 4 @ POA
3A-107B	NOS	STC logo, UK NOS. Balloon shape. Sets of 2 or 4 pieces of the same appearance should be in stock.	GVT	30.00 4 @ POA
3A-107B	NOS	STC logo, UK NOS. ST "Coca-Cola" bottle shape. Sets of 2 or 4 pieces of the same appearance should be in stock.	GVT	30.00 4 @ POA
3A-108A / TS9	NOS	Mazda logo West European. NOS. Tested/guaranteed. Audio triode. Contact our office for suppliers of sockets for this tube. These are TS9, exact equivalent to 3A-108A. Data/photos http://www.r-type.org/exhib/aaa1287.htm	GVT	37.50 8 @ 36.00
3A-108A	NOS	STC logo, UK. NOS. Tested/guaranteed. Audio triode. Contact our office for suppliers of sockets for this tube. Data/photos http://www.r-type.org/exhib/aaa1287.htm	GVT	37.50 4 @ 36.00
3A-108A	USED	STC logo, UK. Wholesale guide price GBP25, if available.	WB	POA
3A-108B	NOS	STC logo, UK. NOS. Tested/guaranteed. Audio triode. Socket to fit in stock. Ref SOC4B4-B5A. See also TS9 near equivalent. Sets of 2 or 4 pieces of the same appearance should be in stock.	GVT	60.00 2 @ 55.00
3A-109A	NOS	STC logo, UK. NOS guide price GBP60 if available.	WB	POA
3A-109B	NOS	STC logo, UK. NOS. Audio triode. When available guide price GBP85.00	OB/WB	POA
3A-110A	NOS	STC logo, UK. NOS. Audio triode. We have sockets to fit.	OB/WB	40.00 8 @ 30.00
3A-110A	USED	STC logo, UK. Used and tested. Guide price GBP25 wholesale.	GVT	POA
3A-110A	USED	STC logo, UK. Used and tested only 50-60 percent emission. NOS has emission 2.2 ma/v, these are 1.1 or 1.3 ma/v. Due to low emission these are 33 percent of normal price.	GVT	17
3A-110B	NOS	STC logo, UK. NOS. Audio triode. 4 only. We have sockets to fit.	OB/WB	75
3A-141A / 4101D	NOS	STC logo UK NOS 3A-141A, near equivalent to 4101D. Data: http://tubedata.philipse.info/ if you have difficulty please contact our office.	O/WB	100.00 4 @ 80.00
3A-142A	NOS	Equivalent to 102D / 4102. These 3A-142A are STC logo UK NOS. 2 pieces the same. Audio triode. Data: http://tubedata.philipse.info/ if you have difficulty please contact our office.	GB	110.00 2 @ 105.00
3A-144A	NOS	STC equivalent to W.E. 104D rarely available.	WB	POA
3A-167M	NOS	CV5112 STC logo, UK. NOS.	OB/WB	400.00 2 @ 375.00
3A-167 / 5A-180M	NOS	These 5A-180M are STC UK, NOS logo. 5A-180M pentodes can be triode connected to give GM32, 5A-180M are similar to 3A-167M (GM45), though not equivalent. 5A-180M is similar to 436A 437A EC8020 E55L, BUT NOT equivalent. 5A-180M data/photo http://www.r-type.org/exhib/aai0143.htm	Most OB	40.00 3 @ 37.50
3A-167 / 5A-180M	USED	These 5A-180M are STC logo, used, tested. UK made. 2 pieces only. DATA & equivalents listed in NOS paragraph above.	Most OB	25
3A-172B	NOS	STC logo Vintage UK, NOS. 3A/172B is a HIGH gain (mu=30), audio triode signal tube with a B7 British base. Sockets to fit from stock refer 7PT4 or 7PT4C. Heater 12.6v @ 0.2a, anode 250v, mutual conductance 3, amplification factor 30. This audio triode is equivalent to HL1320 CV1679. Tested/guaranteed. Data http://tubedata.tubes.se/index.html	OB	15.00 50 @ 12.00
3AMP1	NOS	Please refer to DG7-32 .		
3B4	NOS	Audio pentode. USA NOS clean, guarantee. Hytron/CBS, (Hytron and CBS merged in 1950 approx). 3B4: Vf=1.25V, Ik=25mA, S=1.7mA/V, Pa=3W. Photo/brief data: http://www.radiomuseum.org/tubes/tube_3b4.html Data: http://tubedata.milbert.com/sheets31.html	OB/GVT	1.50 600 @ 1.20
3B24W	NOS	All NOS. 20 pieces, Ediswan/Mazda UK NOS.	OB/WB	9.00 20 @ 7.50

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
3B24WA / 3B24WB	NOS	Various USA NOS. Cetron, Westinghouse and others.	Most OB	6.00 52 @ 4.50
3B28	NOS	50 RCA logo. USA NOS. Tested/guarantee. D getter. Audio half wave rectifier. Data: Vf=2.5V, If=5000ma, Va=5000V, Ik=500ma. This rectifier suits 211, 805, 810, 845. 4-125A beam tetrode along with 866A or 3B28 would make a driver amplifier / booster amplifier. Beware of high voltages. Refer to https://peteslab.blogspot.com	Most GB	4 @ 18.00 20 @ POA
3B28	NOS	Made in UK with GEC sticker x 8, or Mullard logo x 8. NOS, tested, guaranteed. GEC maybe printed GXU1. Mullard maybe printed RR3-250.	Most OB	20.50 8 @ 19.00 16 @ 16.00
3B28	NOS	Philips logo. Made in France or Holland. NOS. UX4 base. Audio half wave rectifier. They are printed DCX/4-1000. 3B28 data: Vf=2.5V, If=5000mA, Va=5000V, Ik=500ma. More data www.tubedata.org Very useful rectifier. Suits 211, 805, 810, 845. 'D' getter version.	OB/GVT	16.00 10 @ 14.00 40 @ POA
3B28	NOS	Approx 30 x Chatham USA & 30 x Electron Enterprise U	GVT	15.00 30 @ 13.00 60 @ 11.00
3B28	GRADE 1	GEC UK with GEC sticker. Tested as Grade One.		9.00 20 @ 7.00
3B-240M	NOS	STC logo, UK NOS. Audio triode with Loctal base 89MA. Tested and guarantee. A high gain triode. 37 watts from only 325v anode voltage. We saw these in audio amplifiers in Japan. Data: Vf=6.0V, Va=300V, S=27mA/V or http://frank.pocnet.net/vademecum0.html	GB/WB	30.00 12 @ 20.00
3BP1	NOS	3 inch CRT. NOS. 4 only.	OB	20
3BU8	NOS	USA NOS. Most with logo. Some similarities to ECF80, but ECF80 has separate cathodes. Potential audio type. ECF80: Vf=6.3V, If=430mA, Va=250V, Ik=14ma, S=6.2mA/v, Pa=1.7W. 3BU8: Vf=3.15V, If=600mA, Va=275V, Ik=18ma, S=1.5mA/v.	OB	2.40 30 @ 2.20 500 @ 1.75
3C4 / DL96	NOS	USA or UK. NOS.	OB/WB	6
3C23	NOS	Cetron, Tung-Sol etc. UK/USA NOS. This 4 pin thyratron has similarities to 8 pin 393A Western Electric.	Most OB	25.00 6 @ 22.00
3C24	NOS	EEV, UK. NOS. Audio triode. Tested guaranteed. EEV was part of GEC.	GVT	50
3C24	NOS	USA NOS includes Heintz USA. Audio triode. Tested guaranteed.	GVT	20.00 4 @ 15.00
3C24 / 24 / HK24	NOS	6 pieces USA NOS. These are 24 / HK24, 4 pin by Heintz, equivalent to 3C24. Do not confuse this with type 24, 6 pin or 8 pin, is not equivalent. Data http://www.r-type.org/exhib/abh0117.htm	OB/WB	40.00 6 @ 30.00
3C24 / 54 / HK54	NOS	6 pieces USA NOS. These are 54 / HK54, 4 pin by Heintz. A higher powered version of 3C24. Data http://www.r-type.org/exhib/abh0120.htm	OB/WB	60.00 8 @ 48.00
3C24	USED	EEV, UK. Audio triode. Used, tested, guaranteed. EEV was part of GEC.	WB	25.00 8 @ 20.00
3C45	NOS	East European NOS. Clean and tidy. Guaranteed	OB/WB	10.00 5 @ 8.00 20 @ POA
3C45 / CV372	NOS	EEV UK. NOS. Clean and tidy. Guarantee is 12 months from despatch date. Equivalent to FX227 and 3C45.	OB/WB	40.00 20 @ 30.00
3CX1500A7	NOS	Chinese. Equivalent to 8877. New recent manufacture. We cannot test this but it is guaranteed 12 months from the date it is shipped from our office. World beating price. (1 only).	OB/WB	300
3CX3000A7	NOS	Chinese. Recent manufacture. Tested with guarantee.	OB	745
3D6	NOS	Best Sylvania. USA. NOS. With logo. A battery amplifier pentode. Loctal sockets to fit this tube, from stock. Photo & data www.r-type.org/exhib/aad0188.htm	OB/WB	5.00 10 @ 4.00 60 @ 3.00
3D21A	NOS	STC logo, UK NOS CV2659. Audio tetrode/pentode, 3D21A suits class AB2 audio. Some similarities to EL34, differences include the pin out. Data with curves available. Makes a great electrostatic headphone amplifier, eg Singlepower Audio. Octal base. Data: Vf=6.3V, If=1.7A, Va typical =+250V, Ra=0.45K, Vg=-150V, Vg=800V, Gm=5.5mA/V.	OB/GVT	8
3D21A	NOS	Hytron logo, USA. NOS. Photo on request. Data: http://tubedata.philipse.info/ if you have difficulty please contact our office.	GB/WB	14.00 30 @ 11.00
3D21WB	NOS	Tung-Sol, USA. NOS. With logo. Black base. Photo of similar item http://www.radiomuseum.org/tubes/tube_3d21wb.html	Most GB	25.00 8 @ 20.00 20 @ 19.00

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
3D23 / 35T	NOS	These are 3D23 USA. NOS. A tetrode version of 35T. Library photo www.radiomuseum.org/tubes/tube_3d23.html Data: http://tubedata.philipse.info/ if you have difficulty please contact our office.	Most GB	50.00 4 @ 38.00
3DP1	NOS	USA, 3 inch CRT. NOS.	GVT	30.00 5 @ 28.00
3EG1	NOS	CRT equivalent to XCV1526, CV2280 & CV9241. 3 inch round screen, thought to be made in 1930.	OB/WB	40
3J160E	NOS	UK made. NOS (equivalent to CV2245), UK made VHF transmitter triode. By STC UK. They handle 1 KW input at 120 MHz.	GVT	250.00 10 @ 220.00
3J170E	NOS	UK manufacture.	GVT	POA
3JP1	NOS	USA made, 3 inch CRT. NOS.	GB	30.00 24 @ 24.00
3RP1	NOS	Made by RCA in USA, 3 inch CRT. NOS. Only 1 or 2, so decide quickly.	WB	80.00
3Q4	NOS	3Q4 DL95 mix USA, includes RCA, Tung-Sol, Sylvania. NOS but store soiled, some are lacking print. Made in the USA and supplied in egg tray / bulk pack. Max power output is 250mw. You can parallel 3 pieces in a SE configuration, similar to circuit 1. This circuit is available from our office. Or suitable as output tube for a headphone amp.	BP	3.00 20 @ 2.20 600 @ 2.00
3Q5GT	NOS	Sylvania and Kenrad, USA. NOS. With logo. Possible audio type. Vf=1.4V, If=100ma, Va=90V, Ik=10ma More data www.tubedata.org	GVT	2.75
3RP1	NOS	RCA, USA. NOS. With logo. CRT/curved face. Offers considered if you order 30 pieces.	GVT	POA
3S4 / DL92	NOS	Mullard/ Philips West European NOS. Audio pentode for studio driven computer speakers. Data/photo http://www.r-type.org/exhib/aai0104.htm	OB	4.00 50 @ 3.00
3V / 121E	NOS	STC, UK. NOS.	OB/WB	5 @ POA
3V4 / DL94	NOS	West European includes Mullard, or USA made.	OB/WB	7.00 20 @ 6.00
3WP1	NOS	Cathode ray tube (CRT) in stock. UK/USA made NOS. Competitive pricing	OB/WB	POA
3X2500A3	NOS	Eimac, USA.	WB	POA
3X2500F3	NOS	Eimac, USA.	WB	POA
4-65A	NOS	4-65A is a directly heated radial-beam VHF power tetrode with an anode dissipation of 65 watts. The filament is thoriated tungsten and designed for rapid heating.	OB/WB	35.00 5 @ 28.00
4-65A	NOS	Or equivalent like QY3-65, 4PR65 Eimac USA, Amperex USA, Mullard UK. Radial beam pulse tetrode. NOS. Tested, with guarantee. Sockets to fit these are in stock. Could be strapped up to use it like a directly heated triode.		
4-125A	NOS	Eimac, USA NOS. Tested guaranteed, with logo. This beam tetrode along with 866A or 3B28 rectifier could make a driver amplifier / booster amplifier. Beware of high voltages. Refer to https://peteslab.blogspot.com/ Data: Vf=5.0V, If=6500mA, Va=3000V, Ik=350ma, S=2.5mA/v, Pa=125W. B5F sockets to fit this in stock.	GVT	25.00
4-125A	NOS	We have in stock the following equivalents: 4D21, 6155, CV2130, QB3-300, QY3-125, RS1007 DHT Tetrode Tube 1 piece. Transmitter ham power tube NOS valve. Sets of 2 the same appearance.	OB/WB	17.00
4-250A	NOS	Or QB3.5-750 equivalent or 5D22. European made, eg Mullard, Philips, or USA made, eg GE, Eimac. Glass Audio Magazine 1997, shows class B audio triode operation. Sockets to fit in our stock. Anode dissipation 250 watts. Data on the tubedata.itchurch website.	GVT	75.00 6 @ 60.00
4-400A	NOS	Chinese. NOS. Tested with guarantee. (Sockets for this type ref. 5FB in stock). These 4-400A are printed as equivalent "QB4-1100GA". Huge potential audio type. Data: Vf=5.0V, If=14500mA, Va=4000V, Ik=350ma, S=mA/v, Pa=W.	GVT	100
4-400A	NOS	Eimac, USA. NOS. Socket to fit in stock, ref 5FB when available.	OB/WB	275

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
4-400A	USED	Eimac, USA. Used. Socket to fit in stock, ref 5FB. Huge potential audio type. Used, decent appearance, not tested but guaranteed for 3 months. We cannot test these here at our UK warehouse. Data: Vf=5.0V, If=14500mA, Va=4000V, Ik=350ma, S=mA/v, Pa=W.	WB	45
4-400B	NOS	Philips, France. NOS. (Sockets for this type ref. 5FB in stock.)		150
4-400C	GRADE 1	Eimac, USA. Grade One. (Sockets for this type, ref.5FB in stock.)		111
4-1000A	USED	USA made. Used. These pass a low power test, but we cannot test at high power. Sent to you, for your testing. Guaranteed 90 days from dispatch date.	WB	140
4B32	NOS	STC / ITT UK. NOS. CV2518.	Most GVT	18.00 8 @ 16.00
4C27	NOS	West European or North American manufacture.	GVT	15
4C35	NOS	Russian, China or USA. NOS. 6 months guarantee.	OB/WB	56
4C35	NOS	UK. NOS. EEV Mullard, etc. includes equivalent such as CV1787, FX2505. 6 months guarantee.	OB/WB	100
4CX	NOS	Transmitter types. Details available on request.		
4CX250B	NOS	Chinese manufacture. Tested, with guarantee.	WB	44.00 25 @ 42.00
4CX250B	NOS	Eimac, USA. NOS. Most of this stock is 15 or 20 years old. Tested and very clean with 12 months guarantee.	OB	95
4CX250B	NOS	GEC, Philips etc. NOS. Small quantity.	OB/WB	95
4CX250B	NOS	STC/ITT, UK. NOS. With logo. Tested with 6 months guarantee.	WB	51
4CX250B	NOS	Consider 7609 or CCS1 for super low cost alternative, not equivalent. 7609 has 26.5V filament voltage. CCS1 has large copper block instead of radiator fins.		
4CX250B	GRADE 1	Eimac, USA NOS. Tested as Grade One. Used but decent appearance. With guarantee.	G1	70.00 5 @ 60.00
4CX250B	GRADE 1	Used but very clean and test as Grade One ie 80 percent emission or more. 10 Amperex or other USA. 10 STC/ITT UK, 1 GEC, 1 Philips UK. Guarantee.	G1	55.00 25 @ 40.00
4CX250B	USED	Chinese manufacture. Used but very clean. Tested with guarantee.		20.00 10 @ 18.00
4CX250B	USED	Eimac, USA with logo. Used but clean and tested. Guarantee.	GVT	45.00 5 @ 43.00
4CX250B	USED	STC / ITT, UK. Used not new but tested with guarantee. Clean.		30.00 16 @ 25.00
4CX250B / CCS1	NOS	GEC/ Eimac. CCS1=Y-799. This is equivalent to 4CX250B but CCS1 has a large copper block instead of radiator fins. CCS1 is an ideal audio power amplifier, high current. It cools via a heat sink which avoids usage of noisy fans. These are unused, tested and guarantee but we don't know if NOS.	WB	23.00 10 @ 19.00 60 @ 15.00
4CX250BC	NOS	Equivalent or near equivalent to 4CX250B. Eimac or other USA. NOS. Clean, tested, guaranteed. Guaranteed 12 months from dispatch.	OB	85
4CX250BM	NOS	Equivalent or near equivalent to 4CX250B. Eimac or other USA. NOS. Clean, tested, guaranteed. Guaranteed 12 months from dispatch.	OB	85
4CX250F	NOS	USA NOS. Clean and guaranteed.	OB	80
4CX250FG	NOS	USA NOS. Clean and tested with guarantee.	OB	60.00 10 @ POA
4CX250FG	USED	Eimac, USA made. Used but decent appearance, tested with guarantee.	OB	25.00 12 @ 20.00 50 @ POA
4CX250R / 7580	NOS	Equivalent or near equivalent to 4CX250B. Eimac or other USA. NOS. Clean, tested, guaranteed. Guaranteed 12 months from dispatch.	OB	75
4CX300A	NOS	Eimac/Raytheon USA. NOS tested guaranteed. Reduced to under half price, due to store soiled appearance (new but not perfect appearance).	OB/GVT	17.00 20 @ 16.00
4CX300A	NOS	Eimac/Raytheon USA. NOS tested guaranteed. Clean unused appearance.	OB/GVT	35
4CX350A	NOS	Chinese. Recent clean new manufacture. Tested, with guarantee. Please enquire about bulk quantities.	OB/WB	95
4CX350A	NOS	Eimac/CPI, USA. NOS. Tested and clean with guarantee. NOS. Most are from era 1995- 2005 very approximately.	OB/WB	125
4CX350A	GRADE 1	Eimac, USA. Most are 1990s made. Look new but test as used so sold as Grade 1.	G1	70.00 5 @ 60.00

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4CX350A	USED	Eimac, USA. Removed from working equipment. Used but decent appearance. Printed "4CX 350A USA". Some have writing on the white ceramic. Tested with 6 months guarantee. Most 1990s made.	WB	30.00 10 @ 25.00
4CX1000A	NOS	Chinese. Tested at low power, guaranteed 12 months from dispatch date. These are new and unused but store soiled due to storage. Hence bargain price. 2 pieces exist.	WB	150
4CX1000A	NOS	Eimac, USA. With guarantee. Tested as new.	GVT	400
4CX1500B	NOS	Eimac. New, unused NOS. Tested, with guarantee.	OB	625
4CX1500B	USED	Eimac. Used, NOT tested. Guaranteed 90 days from despatch.	OB	150
4CX1500B	USED	Eimac. Used, tested, guaranteed. Allow 2 weeks for testing on this high power item.	OB	225
4CX1500B / 4CX1500BM	NOS	Eimac. New, unused but store soiled appearance, hence reduced price. Tested, with guarantee.	OB	320
4CX250R	NOS	Eimac, USA. NOS. Tested and very clean with guarantee.	OB	70.00 10 @ 65.00
4CX3000A7	NOS	Chinese. Tested with guarantee.	OB	475
4CX40000GM	NOS	Eimac, USA NOS. Tested, with guarantee. Made in 1995. New and unused but minor blemishes, Copper oxide. Price negotiable.	OB	5000
4CX40000GM	NOS	Eimac, USA, used for only a few hours only. Some marks on the metal work. But very clean, considering it is a used item. Tested, with guarantee.	WB	700
4CX35000C	USED	Eimac, USA. Used. Our supplier advice was they were removed from working equipment. Low power test by our agent was successful. Guaranteed 90 days from dispatch. These are used pulls, ex-equipment. Please refer to photo to see condition.	GVT	400.00 2 @ 380.00
4CX5000R	NOS	EEV, UK. NOS.	GVT	300
4CX10000	NOS	Please refer to 4635 low price possible alternative (not equivalent).		
4CX15000A	NOS	Please refer to 4635 low price possible alternative (not equivalent).		
4D32	NOS	UK and USA made NOS. In sets of 2 pieces identical. EEV, Raytheon, other. Tested, guaranteed. Audio type. Data https://frank.pocnet.net/sheets41.html Discussion of audio potential at www.DIYaudio.com	OB/WB	44.00 12 @ 40.00
4D43	NOS	USA. NOS. Tested, With guarantee.	WB	28
4E27	NOS	Eimac or other USA NOS. 12 months guarantee.	OB	45.00
4E27A	USED	Eimac or other USA. Used, 12 months guarantee.	OB	30
4H-182E	NOS	UK manufacture. STC CV1883. 4H/182E, RF Tetrode NOS. Unused and 30 day guarantee but expensive testing is not included at this price.	GVT	25
4PR60C 8252W	NOS	Eimac USA NOS. Mostly 1970s manufacture. Guaranteed 6 months from despatch date.	WB/WB	150
4PR60C / C1166	NOS	EEV, UK. NOS. Superb quality with 12 months guarantee. Has similarities to 4PR60C, but is not equivalent. Data on request.	OB/GVT	50.00 20 @ 45.00
4PR65A	NOS	USA NOS mix brands. NOS tested with guarantee.	WB/OB	44
4PR400	NOS	Eimac logo USA made, NOS. Tested. Guarantee 6 months from despatch date.	OB/WB	400.00 2 @ 380.00
4PR1000A	USED	Eimac, USA. Used and guaranteed. These will be tested at the time of despatch. They are ex equipment pulls.		POA
4J35	NOS	EEV UK, NOS. 90 day guarantee. 10 in a stock.	OB/WB	100
4X150A	NOS	Amperex, USA 30 pieces, Eimac 5 pieces and RCA 5 pieces. NOS. Tested, clean and guaranteed. These will be tested at the time of despatch.	OB/GVT	25.00 8 @ 22.00 40 @ 20.00
4X150A	GRADE 1	USA made, eg Amperex, Eimac & RCA. Tested as Grade One, very clean and guaranteed.	G1	18.00 20 @ 14.00
4X150A	NOS	Consider 7609 for super low cost alternative, not equivalent. 7609 has higher [26.5V] filament voltage.		
4X150D	NOS	Heinz, USA. NOS. 16 pieces. Clean and guaranteed. These will be tested at the time of despatch. Near offers welcome.	OB	32.00 16 @ 20.00

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4X150D / 7609	GRADE 1	Eimac, USA. Clean and guaranteed. These will be tested at the time of despatch. They are ex equipment pulls but many look almost unused. Classified as Grade One. Near offers welcome.	G1	24.00 8 @ 20.00 100 @ 15.00
4X150G	NOS	Eimac, USA. NOS and guaranteed. 5 pieces.	Most OB	40
4X500A	NOS	Eimac, USA.	OB/WB	240
4XP	GRADE 1	Cossor, UK. With logo. Test as Grade One. Guaranteed, ST shoulder shape. 1 piece only.	G1	180
5A6	NOS	USA NOS. This B9A triode could be "strapped up" to make an audio triode, similar to triode type 45, but 5A6 are B9A base. Data: http://tubedata.philipse.info/ if you have difficulty please contact our office.	Most OB	7.00 100 @ 5.50 1,000 @ 4.50
5A-152G	NOS	These 5A-152G are the same electrically as 5A-152M but 5A-152G is wire ended/flying lead base. 5A-152G is similar to C3G & C3M but C3M is 20v heater. These 5A-152G are STC UK NOS logo. They make a great driver tube for 300B. These 5A-152G are a wire ended version of 5A-152M. The data is the same as 5A-152M data: https://frank.pocnet.net/sheets51.html	GB	15.00 4 @ 12.00 16 @ 11.00
5A-152G	NOS	Similar to C3G. STC UK NOS logo. Driver tube for 300B etc. These 5A-152G are a wire ended version of 5A-152M. Same data as 5A-152M https://tubedata.tubes.se/sheets51.html OR ask our office.	GB	18.00 16 @ 15.50
5A-152M	NOS	Similar to C3G. STC UK, NOS logo. 400 pieces from our supplier. Driver tube for 300B etc.	GB	22.00 400 @ POA
5A-152M / C3C	NOS	These are C3C Siemens logo, Austrian made. NOS. 4 volt audio pentode. C3C is a good driver for 300B etc. 20 pieces all the same appearance. We have sockets in stock (ref SOC7E2D). These C3C are very similar to 5A-152M but 5A-152M is 6v heater, loctal base. C23C are 4 volt heater, 7 pin end style sockets. Data https://frank.pocnet.net/sheetsC.html	OB/WB	12.00 30 @ 10.00
5A-163K	NOS	STC logo UK NOS. B9A base, audio pentode.	OB/WB	13.00 8 @ 12.00
5A-175G	NOS	Alias CV4506 / CV4518. RF pentode wire ended. Data http://www.r-type.org/exhib/aaa1368.htm	GB	4.00 600 @ 2.50
5AR4	NOS	Refer to GZ34 .		
5AS4	NOS	Miniwatt West European x 6 / Radio Tron made by RCA or Sylvania in USA or Australia, NOS.	Most OB	32.00 10 @ 28.00
5AU4	NOS	Refer to 5V3 . This is partly similar to 5U4GB but not equivalent.	OB/WB	POA
5B/110M	NOS	Power pentode STC UK. These 5B/110M are telephone repeater output pentodes that can produce a two Watt output into a 5 kΩ load with less than 5 percent total harmonic distortion. The anode has a maximum dissipation of 11 Watts. Potential audio use. NOS Similar characteristics to 5B/255M, C3G and E55L but not equivalent.	OB/WB	12.00 4 @ 10.00 30 @ 9.00
5B-254M	NOS	STC logo, UK NOS. Single ring or a few double ring getter.	OB/WB	9.50 6 @ 8.50
5B-254M	NOS	STC logo, UK NOS. Square getter or double square getter.	OB/WB	12.50 6 @ POA
5B-254M	NOS	ITT logo, UK NOS. Single ring & a few double ring, getter.	GB	10.00 10 @ 8.00 60 @ 7.50
5B-254M	USED	STC logo, UK. Square getter or double square getter. Used, test 65-85 percent emission approximately.	WB	7.00 8 @ 5.00
5B-255M	NOS	STC logo, UK NOS. Square getter or double square getter.	GB	30.00 4 @ POA
5B-255M	NOS	STC logo, UK, NOS. Single ring or a few double ring getter.	OB/WB	21.00 10 @ POA
5B-255M	USED	STC logo, UK. Square getter or double square getter. Used, test between 65-85 percent approximately.	WB	16.00 4 @ POA
5B-256M	USED	STC UK, 19 volt heater version of 5B-255M, when available.	Most GVT	POA
5B-258M	NOS	STC/ITT logo, UK. NOS. Clean and tested. This is a low cost, high quality uprated 6L6GC but has a different socket. 89L sockets to fit in stock. Data: Vf=19V, If=250ma, Va=300V, Ik=125mA, S=5.6mA/V, Pa=30W.	OB/GVT	9.00 12 @ 8.00

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5C8S (5U8C)	NOS	NOS clean, guaranteed. Hi voltage, double anode rectifier. Svetlana C logo. It has similarities to 5U4G, but unusual base. 5C8S: Vf=5, Ik=5000mA, Ik=400mA, Va=500. 5U4G: Vf=5, Ik=3000mA, Ik=225mA, Va=450.	WB	5.50 15 @ 4.20
5C21	NOS	Thyratron USA. NOS Guaranteed. Several in stock - we are told that C6J is equivalent to 5685 & 5C21.	Most OB	50.00
5C22	NOS	UK / USA. NOS. (NO EEV UK).	OB/WB	110.00
5C22	NOS	USSR NOS. Some are printed "United PL522". PL522 is exact equivalent 5C22. 6 month guarantee.	OB	60.00 8 @ 50.00
5C22	GRADE 1	USA made. ITT USA JAN Thyratron electron tube. Tested, excellent. These are slightly used, but very clean condition. Guaranteed. 5C22 JAN military grade. Priced to sell.	G1	38.00 10 @ 35.00
5C22	USED	USA made including ITT and Electron Enterprise. Used, not new but tested/guaranteed.	WB	50.00
5C22 / CV6022	NOS	EEV, UK CV6022. NOS. Equivalent to 8503 and tested with guarantee.	GVT	400
5C-450A	NOS	STC UK NOS, tested/guaranteed. 4 pieces identical appearance. An audio triode, with similarities to 4212E. 5C-450A is a pentode but could be strapped to give 100W single ended, except that Va, Vg2 use maximum 850V. Data is http://frank.yueksel.org/sheets52.html Near offers considered.	GVT	1,000.00 2 @ 950.00
5CP1	NOS	CRT cathode ray tube. UK & USA NOS. Suits oscilloscopes.	OB/WB	75
5J180E	NOS	STC/ ITT, UK. NOS. 5 pieces.	GVT	400
5L5615	NOS	Siemens NOS. 14 pin oval medium size orange coloured nixie numerical readout tubes. They show numbers from 0 to 9. Sold out.	OB/WB	POA
5MP29	NOS	Japanese made. NOS. Probably NEC. 500 pieces the same. Guaranteed.	WB	6.00 100 @ 4.50 500 @ 4.00
5R4GA	NOS	USA. NOS.	OB/WB	10
5R4GB	NOS	USA. NOS.	OB/WB	11
5R4GY	NOS	Brimar/STC, UK made NOS. KB/FE or KB/FB.	GB	88.00
5R4GY	NOS	RCA logo, USA. NOS. Grey anode. Tested/guaranteed.	Most OB	28.00
5R4GY	NOS	RCA logo, USA. NOS. Black anode. Tested/guaranteed. A few might be available.	OB/WB	35.00 10 @ 33.00
5R4GY	NOS	USA including. Sylvania and Raytheon. Not STC or RCA. NOS.	GVT/WB	30.00
5R4GY	GRADE 1	Brimar/STC, UK made with logo. KB/FE or KB/FB. Test near new. Decent appearance, quite clean but small stains in the glass. Grade One standard.	G1	63.00 4 @ 50.00
5R4GY	GRADE 1	RCA logo, USA. Test new, but some have no spigot. Spigot replaced by a black plastic adapter. Double D getters. Black anode. Some of them have a spigot, but some minor scratches on the base.	G1	20 15 @ POA
5R4GY	GRADE 1	RCA logo, USA. Tested as Grade 1, guaranteed.	G1	25.00 10 @ 22.00
5R4GY	USED	Brimar/ STC, UK made. With logo. KB/FE or KB/FB. Test as used. Decent appearance, small stains in the glass. Guaranteed.	WB	40.00 3 @ 30.00
5R4GY	USED	RCA logo used. Tested with guarantee. Used, not new appearance but clean.	WB	17.00
5R4GY	USED	Made in Italy by Fivre. Brimar logo, unused but spigot / centre pin is missing and on request we repair with black plastic piece. Sold at used price.	WB	25.00 3 @ 20.00
5R4GYA	NOS	Various USA made brands NOS. A few are GE, square getter, long black anode, hanging filament. 5R4GYA can replace 5U4G in many circuits.	GVT/OB	18.00 12 @ 16.00
5R4GYA	GRADE 1	GEC USA. Many are square getter, long black anode, hanging filament. 5R4GYA can replace 5U4G in many circuits.	G1 box	11.00 12 @ 8.50
5R4GYB	NOS	USA made NOS. A few are square getter or long black anode, or hanging filament. 5R4GYA can replace 5U4G in many circuits. RCA, GE and Westinghouse.	WB	11.00 5 @ 10.00
5R4GYB	GRADE 1	USA made eg RCA, test as Grade One.	G1	8.00 8 @ 6.00
5R4GYB	USED	As above but used. Tested, guaranteed.	WB	5.50 20 @ 4.50
5R4WGA	NOS	USA manufacture. NOS. Some with Chatham logo.	GVT	15

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PLEASE ADD 50% RETAIL SURCHARGE FOR ORDERS UNDER GBP240.

TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
5R4WGB	NOS	Chatham, salmon colour, base with logo. USA made, NOS. Resists high temperatures & high voltage.	WB/red box/GB	15.00
5R4WGB	NOS	Chatham, Raytheon & other USA brands with logo. NOS. Resists high temperatures. High voltage. Also 5R4WGA at the same price.	GB	15.00 POA ?
5R4WGB	NOS	USA. NOS. Big base.	OB/WB	15.00
5R4WGB	GRADE 1	USA. Grade One. Big Base.	G1	7.50 6 @ 7.00
5R4WGY	NOS	Chatham, salmon colour, base with logo. USA made, NOS. Resists high temperatures & high voltage.	OB/GB	15.00 10 @ 12.00 50 @ 10.00
5R4WGY	NOS	USA. NOS.	OB/WB	11.00 6 @ 10.00
5R4WGA/B/Y	USED	USA. Used. Tested. Small stain. Big base.	WB	5.00 10 @ POA
5T4	NOS	Black metal audio rectifier. RCA logo, USA NOS. Tests as grade 1, not perfect, new Grade One.	WB	10
5T4	NOS	Black metal audio rectifier. USA NOS. Tested.	OB/WB	17.00 10 @ 15.00
5U4G	NOS	Brimar logo Russian made, NOS. Shouldered ST shape.	OB/WB	33.00 8 @ 30.00 16 @ 28.00
5U4G	NOS	Brimar UK "hanging filament".	OB/WB	POA
5U4G	NOS	Brimar red logo, West European NOS. Not UK. Not GEC style.	OB	POA
5U4G	NOS	BILLINGTON GOLD logo, Russian manufacture, shouldered shape. New, tested/guaranteed.	OB	20
5U4G	NOS	Chinese. Chinese made. NOS. Shouldered ST shape.	WB	16.00 4 @ 14.00 30 @ 12.00
5U4G	NOS	Mullard, UK. NOS. Black anode VU71. Pan getter. Unused but a piece of glass rattling inside. This makes no difference to electrical performance.	WB	220
5U4G	NOS	Mullard, UK. NOS. Black anode VU71. Pan getter. Unused but spigot is missing. This makes no difference to electrical performance.	WB	250
5U4G	NOS	Mullard, UK. NOS. Black anode VU71. Perfect NOS when available.	OB	480
5U4G	NOS	RCA logo USA NOS. A few pieces in stock.	OB/WB	60
5U4G	NOS	Russian. NOS. Shouldered ST shape.	OB/WB	17.50 10 @ 15.00 40 @ 12.65
5U4G	NOS	USA. NOS. Hanging filament, otherwise known as shown chandelier wire. Guide price GBP60 wholesale if available.	OB/WB	POA
5U4G	NOS	USA. NOS, with logo. Tested and guarantee. Includes Sylvania, GE & Westinghouse. Excludes Tung-Sol, RCA, Mullard, and GEC.	OB/WB	50
5U4G	NOS	USA made is rare now. Consider using 5Z3. Adaptors UX4 to octal are sold by our friend Zhang Eb.		POA
5U4G	NOS	U52 UK NOS. GEC / Marconi / Osram. Black anode, round base.	OB	340
5U4G	NOS	U52 UK NOS. GEC / Marconi / Osram. Grey anode, round base. Just a few pieces. Please enquire for quantity.	GB	300
5U4G	NOS	These are GZ34SS, similar to 5U4G and GZ34 but are a solid-state rectifier that replaces tubes 5AR4, GZ34, 5Y3 & 5U4G. NOS. Guaranteed. Once existing stock is sold, the price is likely to double as current manufactured items cost more than stock we bought years ago. Believed to be UK made.	WB	8.00 25 @ 6.00
5U4G	GRADE 1	Brimar logo. D getter or double D getter. West European made. Not UK. Tested as Grade One. Guaranteed.	G1 Box	45
5U4G	GRADE 1	Tung-Sol, USA made NOS. A few pieces in stock.	G1 Box	160
5U4G	GRADE 1	U52 UK. GEC / Marconi / Osram. Grey anode. Round base. Classic U52 shape. Test as Grade One. Not new but clean appearance.	G1 Box	200
5U4G	GRADE 1	USA brands including GE, Sylvania, RCA or Westinghouse. Tested as Grade One. With logo.	G1 Box	20.00
5U4G	USED	Brimar, UK. With logo. Used, tested, guarantee, clean. U52 shape almost same as GEC U52. Stock sometimes exists.	WB	POA
5U4G	USED	Russian made. Shouldered ST shape. Used but clean, guaranteed and working.	WB	15.00 8 @ 13.00
5U4G	USED	USA / Canada including Marconi GE Westinghouse and Sylvania but excluding RCA, Tung-Sol, Mullard, and GEC. Not new appearance but tested as used with logo and guarantee.	WB	25.00 Bulk @ POA

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
5U4GB	NOS	NOS. Believed to be maybe UK made. Tungram logo, printed '5U4G'. Tested and guaranteed. Black anode. Rare item!	OB/WB	30.00
5U4GB	NOS	NOS USA, with logo. Tested and guarantee. Includes Sylvania, GE & Westinghouse. Excludes Tung-Sol, RCA & Mullard.	OB/WB	21.00 16 @ 19.00 50 @ 14.00
5U4GB	NOS	Japan, with logo, NOS. Tested and guarantee.	OB/WB	17.00
5U4GB	NOS	RCA logo. Vintage made USA, NOS.	OB/WB	30.00 16 @ 27.00 50 @ 21.00
5U4GB	GRADE 1	USA/West European Raytheon, Sylvania, Westinghouse and a few Brimar. Test as near new, look decent with good getter splash but have minor scratches on the base. Limited quantity so no bulk offer.	G1 Box	12.00 10 @ 9.00 30 @ 7.00
5U4GB	GRADE 1	USA made RCA logo. Test as used, look decent with medium getter splash but have scratches on the base. Limited quantity so no bulk offer.	G1 Box	22.00 16 @ 19.00
5U4GB	USED	Westinghouse, Raytheon, Brimar, Sylvania, USA made. With logo. Used, not new with some stains in the glass but decent appearance. Tested, working, guaranteed. Getter is fair appearance. With nominal spigot / centre pin maybe missing.	G1 Box	10.00 8 @ 9.00 30 @ 7.00
5U4GB	VERY USED	USA made. Used, working well but some stains in the glass, OR tested, borderline working, OR working well but spigot / centre pin missing / repaired, OR working well, but getter is part brown. 3 or 4 times cheaper than NOS item.	WB	7.00 12 @ 5.50 40 @ 4.00
5U4WGB / 5931	NOS	When available, guide price GBP54.00	GVT	POA
5UP1	NOS	CRT cathode ray tube. UK & USA NOS. Suits oscilloscopes.	OB/WB	45
5UP1	NOS	MOV, UK NOS. CRT. If you order this CRT, we will help you with sockets.	GVT	50.00 3 @ 40.00
5V3 5AU4	NOS	USA. NOS. With logo. Westinghouse, RCS and Sylvania etc.	OB/WB	6.5
5V4G	NOS	Mullard, UK. NOS. Please refer to GZ32.	WB	POA
5V4G	NOS	RCA logo USA. NOS. Tested with guarantee.	Most OB/WB	20.00 4 @ 17.50 20 @ 15.00
5V4G	NOS	STC / Brimar, UK. NOS. Nearly all have logo.	GVT	POA
5V4G	NOS	USA. NOS. Tested with guarantee.	Mostly OB	24.00 8 @ POA
5V4G	GRADE 1	USA. Shoulder shape. Tested. Grade One. With guarantee.	G1 Box	18.00 8 @ POA
5V4G	USED	Brimar UK, Used Tested/guaranteed.	WB	20.00 6 @ 15.00
5V4G	USED	West European made. Used and tested. Usually available.	BP	POA
5V4G	NOS	Please refer to 25Z6GT for a fantastic low cost possible alternative, not equivalent.		
5V4GA	NOS	GE, RCA & Sylvania, USA. NOS.	OB/WB	24.00 4 @ 20.00 16 @ 18.00
5W4	NOS	CEI, USA. NOS. With logo. Similar to U50 but black metal. Bargain price for useful rectifier. Data: Vf=5,0V, If=1500mA, Va=350V, Ik=110mA	OB/WB	3.60 20 @ 2.00
5X4G	NOS	RCA / other USA. NOS. Audio rectifier with similarities to 5Z3. Some hanging filaments.	OB/WB	12.00 Bulk POA
5X4G	GRADE 1	USA. Tested. Grade One. With guarantee.	G1 Box	9
5Y3G	NOS	Chinese. NOS. Tested. Some similarity to GZ34, suitable up to 125mA and 350V. Shoulder shape, black or metal base. These are octal base but only 4 pins are connected. Tested working/guaranteed.	WB	6.00 10 @ 4.80 10 @ 3.80
5Y3G	NOS	USA. NOS. With logo, tested, guaranteed. Mixed USA brands including Sylvania, RCA, Raytheon, Westinghouse etc. Also 1 or 2 Mazda or Visseaux France.	OB/WB	22.00 8 @ 20.00
5Y3G	USED	Mixed USA brands including Sylvania, RCA, Raytheon, Westinghouse etc. Used, tested guaranteed. Most have logo. Not new but decent appearance.	WB	11.00 12 @ 9.00
5Y3G / U50	NOS	Mullard logo. UK, NOS. Tested.	WB	60.00 4 @ POA
5Y3G / U50	GRADE 1	Mullard logo. UK, Grade 1. Tested.	WB	45.00 4 @ POA
5Y3GB	NOS	Mazda, France. NOS. Indirectly heated (like 5Z4G).	GVT	10

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
5Y3GT	NOS	Chinese. NOS, some similarity to GZ34, suitable up to 125mA and 350V. Straight GT shape, metal base. GZ34 data: Vf=5.0V, If=1900mA, Va=450V, Ik=250mA 5Y3GT data: Vf=5.0V, If=2000mA, Va=350V, Ik=125Ma	WB	6.00
5Y3GT	NOS	Haltron foreign NOS. Suitable up to 125Ma and 350V. Straight GT shape, tested with guarantee.	OB/WB	12.00 8 @ 10.00 50 @ 7.50 100 @ POA
5Y3GT	NOS	Brimar logo UK NOS.	OB/WB	20.00
5Y3GT	NOS	A few RCA, Sylvania, Westinghouse, Raytheon. NOS. Clean, tested and guaranteed.	OB/WB	18.00 10 @ 17.00 50 @ 13.00
5Y3GT	NOS	NOS, UK made. 2 Mullard, 1 Brimar. NOS, tested, guaranteed, logo.	OB/WB	25.00
5Y3GT	USED	Westinghouse, Raytheon, Brimar, Sylvania, USA made. With logo. Used, not new with some stains in the glass but decent appearance. Tested, working, guaranteed. Spigot / centre pin issue, or a "hairline" crack in the base. Many customers have said that this makes no difference to electrical performance. Very cheap.	WB	6.00 8 @ 5.00 20 @ 4.00 100 @ 3.00
5Y3GT	USED	or Grade 1. UK made. 5 Mullard, 1 Brimar. Used, not new but decent appearance. Tested guaranteed with logo.	WB	13.00 5 @ 12.50
5Y3GT	USED	UK made. 8 Brimar. Guaranteed with logo. These test borderline working, below normal pass mark, but still useful for many purposes. Decent appearance, good print, guaranteed.	WB	9.00 10 @ 6.00
5Y3GT	USED	Westinghouse, Raytheon, Sylvania and RCA, USA. Good appearance for a used valve, but they test on the border between working and not working. Useful for some purposes.	WB	7.00 40 @ 4.00
5Y3GT	NOS	Consider 5Z4GT as a possible alternative, not equivalent.		
5Y3WGT / 6106	USED	USA made. Used tested. These are 6106 Bendix logo.	WB	20
5Y3WGTA	NOS	USA. NOS. It's difficult to beat the durability of a USA made 5Y3.	GB/WB	46.00
5Y3WGTB	NOS	Some are 6087. All same price. USA. NOS.	GB/WB	46
5Y3WGTA / 5Y3GTA	GRADE 1	USA made with Hytron logo. Not new but tested as Grade One. Clean and guaranteed.	G1 Box	27.00 10 @ 24.00
5Y4G	NOS	GE/RCA/Sylvania USA NOS. Very similar to 5U4G.	OB/WB	20.00 5 @ 17.50
5Y4G	GRADE 1	GE/RCA/Sylvania USA. Very similar to 5U4G. Used but clean appearance. Test strong.	G1 Box	15.00 10 @ 11.00
5Y4GA	NOS	GE/RCA/Sylvania NOS. Very similar to 5U4G.	OB/WB	9.00 8 @ 7.00
5Y4GT	NOS	RCA / MIX USA NOS. Very similar to 5U4G.	OB/WB	8.00 12 @ 6.00
5Z3	NOS	Fivre made in Italy, Haltron logo + box. NOS. G shape/ Coke bottle shape	OB	40.00
5Z3	NOS	USA NOS. These are the rare and desirable version with the hanging filament. When available approx GBP 40.00.	OB/WB	POA
5Z3	NOS	Sylvania and other USA. NOS. G shape / Coke bottle shape.	OB/WB	32.00 10 @ 30.00 30 @ POA
5Z3	GRADE 1	Sylvania and other USA. Test as G1. G shape / Coke bottle shape.	G1 Box	20.00 10 @ POA
5Z3	USED	RCA, Sylvania and Westinghouse, USA and Marconi, West Europe. Most have logo. Used, tested, with guarantee. Plugs in to replace 5U4G if base adaptor is fitted.	WB	15.00 10 @ POA
5Z4	USED	USA. Ken Rad, RCA, STC, Sylvania. Black metal	OB/WB	6.00 30 @ 4.80
5Z4G	NOS	Brimar/STC UK. NOS. With logo. Partly similar to GZ34, but not fully equivalent.	Most GB	42.00 12 @ 38.00 20 @ POA
8CW5	NOS	Similar to EL86 but 8 volt heater. Toshiba logo and OB.	OB	3.50 10 @ 2.40 40 @ 2.00
5Z4G	NOS	Mazda logo. NOS. Some similarity to GZ34, suitable up to 125mA and 350V. Shoulder shape, black Bakelite base. Deduct 25p if you accept with no box, ie bulk pack. Tested guarantee. Look clean & new with unknown country of manufacture. Not made in West Europe. Data: GZ34 - Vf=5.0V, If=1900mA, Va=450V, Ik=250mA 5Z4G - Vf=5.0V, If=2000mA, Va=350V, Ik=125mA.	GVT	7.00
5Z4G	NOS	Mazda, UK. NOS. With logo. Limited stock.	WB	28.00
5Z4G	NOS	Tungfram logo, made in UK by Mullard or Mullard logo UK, NOS.	OB	34.00 5 @ 33.00

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
5Z4G	GRADE 1	Brimar/STC UK manufacture, with logo. Tested as Grade one. Decent appearance, not new appearance. Enquire for extra quantity.	G1 Box	24.00 8 @ 18.00
5Z4G	USED	Mullard logo UK. Used, tested.	WB	18
5Z4G	USED	Brimar logo, UK manufacture. Used, tested, guaranteed.	WB	14.00 Bulk @ POA
5Z4GT	NOS	Chinese. NOS. Some similarity to GZ34, suitable up to 125mA and 350V. Straight GT shape, metal base. GZ34 data: Vf=5.0V, If=1900mA, Va=450V, Ik=250mA 5Z4GT data: Vf=5.0V, If=2000mA, Va=350V, Ik=125mA.	WB	5.50 20 @ POA
5Z4GT	NOS	Russian. NOS. Near equivalent to GZ34, suitable up to 125mA and 350V. Mostly GT shape, a few are ST shape.	OB/WB	6.50 10 @ 5.50 100 @ 4.50
5Z4GT	NOS	Mullard UK NOS. Refer to GZ30 for price & availability.	OB/WB	Refer to GZ30 for price. In stock
5Z4GT	NOS	USA NOS.	OB/WB	11.00
6-1H	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	POA
6A3	NOS	USA NOS. Guide price GBP35.	OB/WB	25
6A4	NOS	USA. NOS.	OB/WB	6
6A6	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	5
6A7	NOS	USA made NOS. ST shape glass.	OB/WB	10
6A7	USED	USA made. Used tested. ST shape glass.	WB	5
6A8 / 6A8G	NOS	USA NOS. 6A8 black metal, 6A8G ST shape, 6A8GT, all same price.	OB/WB	7.5
6AB4	NOS	Please refer to EC92.		
6AB4	NOS	GE, USA. NOS. With logo. Clean and guaranteed. This single triode B7G base is similar to half of an ECC81, 12AT7 B9A base. Suitable for microphones such as Neumann Gefell UM57.	GVT	4
6AB4	NOS	RCA, USA. NOS.	OB/WB	7
6AB4	USED	GE, USA. With logo. Clean and guaranteed. This single triode B7G base is similar to half of an ECC81, 12AT7 B9A base. Suitable for microphones such as Neumann Gefell UM57.	Bulk pack	2.00
6AB7	NOS	RCA, USA. NOS with logo. Black metal audio valve. Clean and guaranteed. Data: Vf=6.3V, If=450mA, Va=300V, Ik=12mA, S=5, Pa=3,7	OB/WB	28.00 80 @ 2.00
6AC5G	NOS	Hytron, RCA & Sylvania high-mu power triode designed for service in dynamic coupled circuits using a type 76, 6P5GT or 6J5GT as the driver tube. Two 6AC5Gs may be used as a zero bias class B amplifier.	OB/WB	27.00 4 @ POA
6AC5GT	NOS	Hytron, RCA & Sylvania high-mu power triode designed for dynamic coupled circuits using a type 76, 6P5GT or 6J5GT as the driver tube 2 x 6AC5GT could make a zero bias class B amplifier.	OB/WB	12.00 20 @ 8.00
6AC7	NOS	50 RCA, 50 GE, 50 other USA brands. NOS, black metal. Audio valve.	OB/WB	5.00 50 @ 3.50 150 @ 2.30
6AC7GT	NOS	Chinese, new, and tested. Audio valve. Clean and guaranteed. Data http://frank.pocnet.net	GVT	4.00 50 @ 3.00
6AF3	NOS	GE, RCA or other. USA NOS. TV tube that also suits audio applications.	OB/WB	4.00 20 @ 2.50 300 @ POA
6AF4A / EC88	NOS	NOS West European made. RCA, Westinghouse USA made or Brimar UK. NOS. These are 6AF4A single triode, they are very similar to half of an ECC88 audio double triode. Photo/data: http://www.r-type.org/exhib/acl0233.htm	OB	4.00 20 @ 3.50 50 @ 3.00
6AF6G	NOS	RCA logo USA NOS. Magic Eye. Data: http://tubedata.philipse.info/ if you have difficulty please contact our office.	Most OB	9.25 18 @ 8.25
6AG5 / EF96	NOS	Russian or Chinese made. NOS.	WB	3.00 200 @ 2.00
6AG5 / EF96	NOS	Mix USA. NOS.	Most OB	3.00 200 @ 2.00
6AG6	NOS	UK NOS. Many similarities to audio pentode such as to EL33, KT61.	OB/WB	45.00 4 @ 40.00
6AG7	NOS	RCA/other USA brands, black metal.	GVT	10 @ 3.50 100 @ 3.00
6AG7	NOS	Russian. New, clean and guaranteed. Deduct 25p if you accept without box ie if you accept in egg crate bulk pack.	BP	3.00 100 @ 2.00
6AH4GT	NOS	USA. NOS. 30 RCA, 30 Sylvania & Tung-Sol.	Most OB	15.00 10 @ 11.00 60 @ 10.00
6AH4GT	USED	USA. Sylvania. Used tested.	OB/WB	8.00 8 @ 7.00

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6AH6	NOS	50 Sylvania, 16 Thomson, 10 RCA, 10 Tung-Sol, 10 Westinghouse. USA made NOS. Most have logo. They would suit an SE amp using a 6AH6 pentode in triode mode at the input, and a 1625 output tube.	Most OB	5.00 5 @ 3.40 20 @ 2.00 75 @ 1.80
6AH6 / WA	NOS	Raytheon, Westinghouse & other USA brands. Probably unused. Print quality varies & mixed appearance. Due to mixed appearance these are very cheap and have a minimum order of 20 pieces.	OB/WB/B P	20 @ 2.00 120 @ 1.50
6AJ8	NOS	Equivalent to ECH81.		
6AK5	NOS	Chinese made. NOS. Good audio quality tested. With guarantee. Deduct 25p if accepted with egg crate/bulk pack instead of WB. A UK amplifier maker told us "these are as good as Mullard, for emission, low noise, frequency response".	WB	3.00 10 @ 1.50 3,000 @ 1.20
6AK5 / 403B / 5591	NOS	Western Electric, USA NOS and test NLOZS, with yellow original logo. These are printed 6AK5 or 403B (403B is exact equivalent to EF95).	WB	15.00
6AK5 / EF95	NOS	Russian EF95 printed CV850. All the same construction. NOS with guarantee.	WB	5.00
6AK5 / EF95 / CV4010 / 5654	NOS	Please refer to EF95 Mullard/RT.		
6AK5 / W	NOS	Please refer to EF95.		
6AK6	NOS	Audio pentode. Brimar logo UK NOS. Clean and guaranteed. Data: Vf=6.3V, If=150mA, Va=180V, Ik=15mA, S=2.3mA/V, Pa=2.7W. B7G Audio pentode can be triode connected. Data at tubedata.itchurch website. Search engines have items showing 6AK6 in audio circuit.	GVT	6 20 @ 5.00 300 @ 3.50
6AK6	NOS	GE, USA. NOS. With logo. Clean and guaranteed. Please refer to 6AK6 Brimar section, above, for data and useful information.	GVT	5 30 @ 3.00 200 @ 2.50
6AL5	NOS	Mullard, please refer to CV4025 Mullard, equivalent and EB91.	GB	2.50 20 @ 2.40 100 @ 2.00
6AL5	NOS	Siemens refer to EB91 paragraph. Photo/data http://www.r-type.org/exhib/aad0099.htm	GB	4.00 100 @ 3.00
6AL5 / EB91	NOS	Brimar, Please refer to EB91 paragraph. Photo/data http://www.r-type.org/exhib/aad0099.htm	OB	2.00 16 @ POA 100 @ POA
6AL6	NOS	Foreign manufacture. Octal base. Similarities to 6L6, although it has a different pinout. When available. Data from GE essential characteristics manual, OR free from our office.	GVT/WB	POA
6AL7GT	NOS	USA NOS. Magic Eye. Data: http://tubedata.philipse.info/ if you have difficulty please contact our office. When available.	Most OB	POA
6AM4	NOS	USA and UK. NOS.	OB/WB	3.3
6AM5	NOS	Please refer to EL91.		
6AM6	NOS	Please refer to EF91, CV4014.		
6AM6 / CV4014	NOS	Mullard UK. CV4014. NOS. Audio type. Genuine Mullard, but GVT print instead of a Mullard, logo.	GVT	4.00 20 @ 3.75 100 @ 3.50 1,000 @ 3.20
6AM6 / CV4014	NOS	Mullard, UK CV4014. NOS. Audio type. Mullard logo. B7G base. Some are government box, and some are bulk pack. Bulk pack items are 25p less than the following price. Data: Vf=6.3V, If=300Ma, Va=250V, Ik=20Ma, S=7.7Ma/v More data in the EF91 Thomson section, above.	GVT	3.50 2 @ 3.33 100 @ 3.00 1,000 @ 2.75
6AM8A	NOS	GE, USA. NOS. Might be audio potential. Data Vf=6.3V, If=450mA, Va=200V, Ik=12mA, S=7mA/V, Pa=2.8W. Data www.tubedata.org	GB	3.00 10 @ 2.00 50 @ 1.80 400 @ 1.60
6AM8 / A	NOS	Haltron and other USA brands.	OB	4.4
6AN4	NOS	Potential audio type. RCA logo USA, NOS.	OB	2.40 30 @ 2.00
6AN5	NOS	GE or Raytheon, USA. NOS with logo. A beam power amplifier. 4.2 watt anode dissipation. Makes a good headphone amp, low power amp or reverb tank driver. Data: http://tubedata.philipse.info/ if you have difficulty please contact our office.	OB/WB	2.50 50 @ 2.00
6AN8	NOS	RCA logo or Raytheon logo, USA NOS. Please note these are not 6AN8A. Very limited quantity.	Mostly OB	10
6AN8 / 5AN8	NOS	Sylvania, GE or Westinghouse, USA NOS. Similar but not equivalent to 6AN8. Audio Tube.	WB	4.00 20 @ 2.50 116 @ 2.10

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
6AN8A	NOS	USA NOS. Actual 6AN8A with acid etch. 16 RCA, 6 Sylvania & 6 Westinghouse	Mostly OB	15.00 10 @ 12.00
6AN8A	USED	Tested, guaranteed. Please note these are 6AN8, not 6AN8A.	WB	9.00 12 @ 7.00
6AN8A	USED	Tested, guaranteed. Actual 6AN8A. 4 of each brand: GE, RCA, Sylvania & Westinghouse.	WB	10.50 12 @ 7.50
6AQ4	NOS	Please refer to EC91 for exact equivalent. Possible audio triode.		
6AQ5	NOS	Chinese. NOS. Tested, clean, guaranteed. For data circuit ideas etc refer to 6 AQ 5 USA paragraph below.	GVT	3.00 50 @ 2.50
6AQ5	NOS	Brimar logo, believed to be West European made (Holland?). Clear glass, grey anode, ring getter >. Tested as NOS.	Most OB	7.50 10 @ 6.25 50 @ POA
6AQ5	NOS	Mullard UK made. Logo. NOS	GB	13.00
6AQ5	NOS	Equivalent to EL90.		
6AQ5	NOS	Refer to 19AQ5, very low cost alternative with different heater voltage.		
6AQ5	NOS	Mixed, made in UK/West Europe. 2 or 3 of each, Mullard UK, Siemens German, Ericson Sweden. Logo.	OB/WB	13.00
6AQ5	NOS	Westinghouse with Westinghouse logo. Made in Japan. NOS, tested, working guaranteed.	OB/WB	4.00 10 @ 3.00 30 @ 2.50
6AQ5 / 6005W	NOS	Mixes USA. These are 6AQ5 USA made, NOS. RCA, Sylvania, GE, and other USA brands. Tested, guaranteed. Some print is partly missing due to long term storage. Similar, but not equivalent to 6005. Deduct 25p if you accept boxed as egg crate, not WB.	WB	5.00 10 @ 4.00 50 @ 3.00
6AQ5 / 6829	NOS	These are 6829 Ericsson logo NOS. Sweden. Equivalent to 6AQ5 / EL90. A rare, high-quality tube!	OB	7.00 6 @ 12.00 30 @ 10.00 80 @ POA
6AQ5	USED	Brimar logo, believed to be West European made (Holland?). Clearglass, grey anode, ring getter >. Used, tested working, guaranteed.	BP	4.00 10 @ 3.00 30 @ 2.50
6AQ5	USED	Mullard UK made. Logo. Tested good appearance. Used.	GB	7.5
6AQ5 / EL90	NOS	Please refer to 6094 for super high quality possible alternative, not equivalent with gold pins.		
6AQ5W	NOS	USA manufacture. We have brands other than GE, please enquire.		4
6AQ6	NOS	NOS made in USA / West Europe. These are 6AQ6 triode/diode. The triode section is similar to half of an ECC81. 6AQ6 has same pin out as 6AQ6. Data: www.r-type.org/exhib/acn0102.htm	OB	3.00 10 @ 2.00
6AQ7GT	NOS	RCA, Hytron, Sylvania, Kenrad, GE and Westinghouse. NOS. With logo.	Mostly OB	3.60 50 @ POA
6AQ8	NOS	Equivalent to ECC85.		
6AR5	NOS	Raytheon logo, NOS. Clean uniform and guaranteed. This audio pentode would make a nice little power amplifier. Data: Vf=6.3V, If=400mA, Va=250V, Ik=32ma, S=2.3mA/V, Pa=8.5W.	OB/WB	7.50 10 @ 7.00 30 @ 5.10
6AR6	NOS	Tung-Sol, USA. NOS. With logo. Similar to 6384, but not the same.	GB	19.00 8 @ 17.50
6AS6 / 409A	NOS	Western-electric yellow logo -NOS-1960s USA made. Match pairs maybe possible.	Most OB	14.00 5 @ 13.00 30 @ 12.00
6AS6 / 5725	NOS	See 5725 entry for NOS equivalent items at super low price.		
6AS6	NOS	Mullard UK, NOS. CV4098/M8234 pentode. Equivalent to 6AS6 but these are wire ended, flying lead CV4098. Clean, uniform guaranteed. Data www.tubedata.org	GVT	3.00 10 @ 2.70 350 @ 2.00
6AS6	NOS	Tung-Sol, GE & other good USA made brands. NOS. Some are double marked 5725/W equivalent.	OB/WB	2
6AS6W	NOS	Haltron logo. Some are East European made, some USA, some Western Europe, they are all mixed up hence amazing low price. All are new & guaranteed, but regretfully at this price we cannot sort them.	WB	2.00 20 @ 1.20 200 @ 1.00
6AS7G	NOS	BILLINGTON GOLD, Russian. NOS. High audio quality and product reliability. They are individually tested within very tight limits and inspected for superior physical conformity and mechanical construction. With guarantee. They have a good reputation worldwide especially amongst Asian audiophiles. Supplied in an attractive blue/red/gold original box.	OB	20.00 10 @ 18.00

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
6AS7G	NOS	Chatham USA NOS. Tested and guaranteed. 2 pieces.	OB/WB	100
6AS7G	NOS	GE USA. NOS. 8 pieces should be in stock.	OB/WB	28
6AS7G	NOS	GEC, MOV UK. NOS. Sometimes available.	OB/WB	280
6AS7G	NOS	RCA logo, USA. NOS. Shoulder shape. These have a great dynamic response and a hint of warmth, with excellent deep tonal character.	OB/GB	32.00 8 @ 28.00 24 @ 24.00
6AS7G	NOS	Sovtek logo, Russian manufacture. NOS. Clean, guaranteed. The internet has many circuit diagrams showing 6AS7G or equivalent 6080 in audio circuits.	OB	17.00 20 @ 15.00
6AS7G	NOS	Some Svetlana C logo, some Sovtek, some Cyrillic Russian print, some Brimar, but all Russian manufacture. Sets of 8 pieces of the same brand & same appearance.	OB/WB	19.00 100 @ 16.00 30 @ 15.00
6AS7G	NOS	Svetlana, Russian manufacture. C logo version. They look new but test approx 65-75 percent emission so are sold at used price. Clean, guaranteed.	WB	8.00 10 @ 7.00
6AS7G	NOS	USA. NOS. Shoulder shape. Sets of 2 identical. Not RCA.	OB/WB	28
6AS7G	GRADE 1	GEC, MOV UK. Tested Grade One. 1 or 2 pieces only.	G1 box	210
6AS7G	GRADE 1	Marconi logo, made in Canada or USA. Grade One. Might be RCA made. Tested near new, getter is OK but not perfect.	G1 Box	22
6AS7G	GRADE 1	RCA logo. USA. Grade One. Clean, tested balance between anodes may not be perfect, but auto bias takes care of this in most amplifiers. These have a great dynamic response and a hint of warmth, with excellent deep tonal character. About half of them are RCA red logo. Grey anode. Probably 1960s. The other half are RCA silver logo. Black anode. Probably 1950s. Same price for both.	G1 Box	22.00 8 @ 19.00 24 @ 16.00
6AS7G	USED	GEC, MOV UK. Used, tested. 1 or 2 pieces only.	OB/WB	140
6AS7G	USED	RCA logo, USA. Used not new appearance but tested 65 - 75 percent. Decent appearance, guarantee.	WB	15
6AS7G	NOS	Please refer to 6080, a straight sided equivalent to 6AS7G. For more information please refer to 6080 in this catalogue. Same electrically, but much cheaper. 6080 quality is same or better than 6AS7G. Good quantity of USA or French made in stock.		
6AS7GA	NOS	GE USA. NOS. Copper coloured posts. Black base. Straight sides.	OB/WB	15.00 8 @ 12.00
6AS7GA	NOS	Mixed NOS. Not copper colour post.	OB/WB	12.50 8 @ 9.50
6AS7GA	USED	GE, USA with copper coloured posts. Black base. Straight sides. Used not new appearance but tested 65-75 percent guaranteed.	WB	5.00 8 @ 4.50
6AT6	NOS	NOS made in USA / West Europe. These are 6AT6 triode/diode. The triode section is similar to half of an ECC81.	OB	3.00 10 @ 2.50
6AT6	NOS		GB	
6AT6	NOS		OB	
6AU4GT / 6AU4GTA	NOS	NOS. Mostly RCA plus a few other USA NOS. Partly similar to 6AX4, 6AU4, 6CJ3 or 6CG3. An octal rectifier first designed for radio but now being used in hi fi / audio.	OB/WB	30 @ 6.50
6AU5GT	NOS	Audio tube. GE, USA. NOS. This pentode can be "strapped up" to produce a triode, that's similar to 6B4G triode. Data on request. It will produce 5W in SE Class A. Recommended by Eric Barbour in issue 10 of VTV magazine. Data: http://tubedata.philipse.info/ if you have difficulty please contact our office.	GVT	5.00 20 @ 3.75 100 @ 3.20
6AU6	NOS	Brimar logo, UK. NOS. Guaranteed. UK made.	OB	7.00 10 @ 6.00 30 @ 5.50
6AU6	NOS	GE 5 star logo. USA made, NOS tested, clean, guaranteed.	OB	6.50 10 @ 5.50
6AU6	NOS	Mullard, UK, NOS. Most with logo.	Most OB	12.00 8 @ 10.00
6AU6	NOS	Russian made. NOS. Guaranteed. These have logo (eg National) and box.	OB/WB	6.00 10 @ 5.00 100 @ 3.75

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
6AU6	NOS	Russian made. NOS. Guaranteed. All the same appearance (same anode construction). Some are printed with just the part number, some have no print at all, some have mixed print. These are supplied bulk pack not white box. These are good, working, unused, guaranteed tubes. At a bargain price.	WB	5.00 10 @ 4.00 100 @ 2.75
6AU6	NOS	Telefunken NOS with logo and diamond between the pins. Audio pentode.	Most OB	34.00 8 @ 30.00
6AU6	NOS	Various: 70 GE, 25 RCA, 25 Sylvania, 5 Tung-Sol USA. USA made, NOS tested, clean, guaranteed.	OB/WB	6.00 10 @ 5.00 20 @ 4.00 100 @ 3.75
6AU6WB	NOS	These are 6AU6WB, special quality equivalent to 6AU6. Thomson logo NOS France. For useful information, data, photos, please refer to the other 6AU6 paragraphs, above.	OB	3
6AU8A	NOS	NOS. GE, Sylvania, Tung-Sol, USA. Most have logo. You can buy on the internet, adapters to convert 6AU8A into 7199. Similar but not equivalent to 6GH8.	GVT	3.00 10 @ 2.20 400 @ 1.80
6AV6 / EBC91	NOS	Mix. USA NOS.	OB/WB	4.00 100 @ 3.00
6AV6 / EBC91	NOS	West European / Japanese manufacture. Russian / China.	WB	3
6AW8A	NOS	Hitachi x 60 pieces, Mullard, x 10 pieces, RCA x 10 pieces and Sylvania/Westinghouse x 50 pieces.	OB/WB	3.00 10 @ 2.80 100 @ 2.20
6AX5GT	NOS	USA NOS. Similar to EZ81 but has an octal base.	OB/WB	7
6AX5GT	NOS	Russian. NOS, clean, uniform guaranteed. GT shape. Octal full wave rectifier [double diode]. Similar to EZ81 and 6X4 but different base.	WB	2.60 30 @ 1.56 100 @ 1.40 400 @ 1.20
6AX4GTB	NOS	USA NOS. Octal audio tube. RCA, GE, Raytheon.	Most OB	4.50 20 @ 4.00 300 @ 3.20
6AX7	NOS	Tung-Sol and other vintage USA, NOS.	OB/WB	26.7
6AZ8	NOS	RCA/Sylvania USA. Clean, tested/guaranteed. Possible audio type. Data: Vf=6.3V, If=450mA, Va=200V, Ik=10mA, S=6mA/V, Pa=2W.	OB/GVT	7.00 10 @ 6.30 200 @ 5.00
6BA6 / 5749	NOS	EF93 x150 Russian NOS guaranteed.	WB/OB	2.50 150 @ 2.00
6BA6 / 5749W / EF93	NOS	RCA logo USA NOS.	Most OB	5.00 50 @ 4.00
6BA6 / 6BA6W / EF93 / CV4009	NOS	Brimar UK. NOS. Most have logo.	OB/WB	7.00 20 @ 6.00
6BA6 / 6BA6W / EF93 / CV4009	NOS	Mullard logo UK. NOS.	OB/WB	7.00 50 @ 6.00
6B4G	NOS	Russian. NOS tested guaranteed.	OB/WB	28.00 4 @ 26.00
6B4G	NOS	Sylvania, JAN logo. USA made NOS. Tested, guaranteed. ST shape, alias "Coke bottle shape". 8 pieces all look the same.	GB	50.00 4 @ 47.50
6B4G	NOS	USA NOS, tested. Sets of 2 pieces identical appearance. Matched pairs maybe available.	OB/WB	50
6B4G	NOS	USA NOS, tested with logo. Singles, NOT sets of 2 pieces identical appearance.	OB/WB	40
6B4G / 6AU5GT	NOS	Please refer to 6AU5GT alternative (not equivalent) elsewhere in this catalogue.		
6B4G / 6AV5GA	NOS	These are 6AV5GA USA NOS. 3 or 4 USA brands RCA Raytheon, Sylvania etc. Sets of 8 pieces same brand same appearance. Vacuum Tube Valley magazine, issue 10, discusses 6AV5GA in audio application. 6AV5GA has many similarities to 6B4G. Data: http://tubedata.philipse.info/ if you have difficulty please contact our office.	Most OB	6.60 70 @ 5.40
6B4G	USED	USA made. Used, tested guaranteed. Shoulder ST shape. Sets of 2 pieces identical appearance.	WB	18.00 4 @ 15.00
6B5	NOS	Tung-Sol, Brimar, Sylvania, etc. Audio double triode.	OB/WB	15
6B7	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	4.00 Bulk @ POA
6B8G	NOS	GE, RCA and other USA NOS. Perhaps 4 or 5 brands. Rogers, USA.	OB	4.50 50 @ 3.00 150 @ 2.00
6B10	NOS	USA NOS 12 pin compactron. Teonex logo USA made.	OB	2.00 50 @ 1.60
6BC8	NOS	USA / Japan NOS. Refer to 6BK7B near equivalent.	OB/WB	12
6BE6	NOS	Brimar logo UK NOS. Guaranteed. Also see equivalents such as 5750 CV4012.	OB/WB	4.80 10 @ 3.80 50 @ 3.60

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
6BE6 / 6H1	NOS	These are 6H1 STC logo, UK made. NOS CV132 / 6H1 RF hexode mixer. It is designed to operate with a separate triode oscillator that injects into grid 3. The maximum design frequency is 20 MHz. Very similar to 6BE6, but heater takes only 200 mA. Suitable for mixer or frequency changer. Please do not confuse with Eastern made tubes of similar name.	OB/GB	2.00 10 @ 1.50 1,000 @ 1.00
6BE6 / 5750	NOS	Chinese. New. Guaranteed.	OB/WB	3.50 200 @ 2.50
6BE6 / 5750	NOS	Russian NOS. Guaranteed. Most are in Zaerix boxes.	OB	4.00 50 @ 3.00 200 @ 2.60
6777	NOS	ITT USA, clean NOS. Mostly 1980s made. Guaranteed 12 months from dispatch date.	GB	70.00 20 @ 55.00
6BF5	NOS	Sylvania logo, USA, NOS. Potential audio type.	OB	2.50 6 @ 2.00 300 @ 1.50
6BG6	NOS	Brimar UK 6BG6G. NOS.	GVT/WB	10.00 40 @ 9.00
6BG6GA	NOS	USA NOS. Sylvania / other USA made.	WB	9.00 20 @ 8.50
6BH6	NOS	East Europe / Japan. No picking of brands allowed. All genuine and guaranteed	OB/WB	3
6BH6	NOS	West European / USA – GE, Mullard and Phillips. Please refer also to near equivalent 6CB6 for extra stock. These are 6BH6. Fits Marantz 8B and other Audio amplifiers.	OB/WB	4.00 20 @ 3.20 300 @ 2.80
6BH8	NOS	USA NOS with logo. Approximately 100 of each brand Zenith, GE, Sylvania and ECG. These are 6GH8A triode pentodes. They can work as a substitute for the rare 7199 by adding an adaptor that is sold in USA. Similar but not equivalent to 6GH8.	OB	3.00 10 @ 2.20 400 @ 1.80
6BH8	NOS	Please see 6AU8A equivalent. 6AU8A NOS. Tung-Sol USA in stock. We can direct you to internet suppliers who sell adapters to convert 6AU8 into 7199. Contact us for information. Similar but not equivalent to 6GH8.		
6BJ6	NOS	Mullard, logo, UK. NOS. 25 pieces. Brimar logo, UK. NOS. 25 pieces.	Most OB	4.00 50 @ 3.00
6BJ6	NOS	RCA logo USA. NOS with guarantee. Possible audio type.	Most OB	3.50 90 @ 3.00
6BJ7	NOS	USA NOS. Guaranteed. GE & other USA brands.	OB/WB	2.20 20 @ 2.00
6BJ8	NOS	RCA Sylvania, USA.	OB	3.00 50 @ 2.20
6BK4	NOS	USA. NOS.	OB/WB	9.00 20 @ 7.50
6BK4A	NOS	USA. NOS.	OB/WB	9
6BK4B	NOS	USA. NOS.	OB/WB	9.00 20 @ 7.50
6BK4C	NOS	6BK4C mixed USA NOS, with logo, guaranteed.	Most OB	21.50 20 @ 20.00
6BK4A / B / C	NOS	Very rare. Try PD510 for cheaper alternative, not equivalent.		
6BK7B / 6BC8	NOS	Various: 30 RCA, 16 GE & 24 Sylvania. For nearly all purposes you can plug in 6BK7B to replace 6BC8. USA NOS. 6BK7B is a double triode, partly similar to ECC81.	OB/WB	4.00 16 @ 3.50 60 @ 3.25
6BL6	NOS	USA or UK manufacture. NOS. A klystron.	GVT	110
6BL7GT / 6BL7GTA	NOS	Various USA NOS. Logo. Guarantee. Approx 15 pieces of each brand: GE, RCA, Sylvania & Westinghouse. Sets of 2 pieces, same brand & same appearance.	Most OB	8.00 10 @ 6.00 60 @ 5.00
6BL7GT / 6BL7GTA	USED	Various audio double triode. USA used, tested. Most have logo. Guaranteed. RCA, Sylvania, Westinghouse etc. Most are sets of 2 of identical appearance, but at this price it is for you to sort them out.	WB	4
6BL8	NOS	Please refer to ECF80 .		
6BM6	NOS	A Klystron. USA or UK manufacture NOS.	GVT	16.00 10 @ 12.50
6BM8	NOS	Please refer to ECL82 .		
6BN6	NOS	Audio pentode. GE, USA NOS. You will receive 6KS6. Although the data sheet describes 6KS6 as a discriminator, 6KS6 will plug in to successfully replace 6BN6, 100 percent. Deduct 25p if you accept in bulk pack. Near offers considered if over 100 pieces. Data Vf=6.3V, If=300mA, Va=330V, Ik=5mA, B7G.	OB/WB	3.20 10 @ 1.40 500 @ 1.00
6BN8	NOS	Audio double triode. NOS USA made. 10 x same brand/appearance A, 10 x same brand/appearance B, etc.	Most OB	5.00 5 @ 3.20 100 @ 3.00
6BQ5	NOS	Please refer to EL84 . Also 12BY7A for alternative, not equivalent item with different pin out but some similarities.		

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6BQ5	NOS	Please refer to 12BY7A for a USA made NOS low cost alternative, not equivalent.		
6BQ6	NOS	6BQ6GTB Sylvania or Westinghouse, USA made NOS. Also 6CU6 Ates, 24 Italian made NOS. Equivalent at same price 6BQ6 is nearly the same as 6V6GT but has a different pin out and top cap. Data: Vf=6.3V, If=1200mA, Va=250V, Ik=55mA, S=5.5mA/V, Pa=11W.	Most OB	3.00 10 @ 2.50 50 @ 2.00
6BQ7A	NOS	Or 6BZ7 or 6BK7B equivalent. NOS. 25 or 50 of each brand RCA, GE, Westinghouse, Raytheon & Sylvania. Audio double triode, similar to 6N1P & ECC88. Deduct 25p if you accept as bulk pack or egg crate, not white box.	OB/WB	3.25 15 @ 2.50 200 @ 2.10
6BQ7A	NOS	NOS. Good quality, vintage Japanese made. 400 pieces all the same appearance. NOS & clean. Audio double triode, similar to ECC88, 6922 etc. Deduct 25p if you accept as bulk pack or egg crate, not white box.	WB	2.75 10 @ 2.10 400 @ 1.90
6BQ7A / 6BS8	NOS	These are 6BS8 RCA USA, NOS. 6BQ7A is equivalent or near to 6BQ7A. 100 pieces RCA, all the same appearance. Audio double triode, similar to 6N1P & ECC88. Deduct 25p if you accept as bulk pack or egg crate, not white box.	OB/WB	3.25 15 @ 2.50 100 @ 2.30
6BR3 / 6RK19	NOS	USA made.	BP	100 @ POA
6BR7	NOS	CV4006 Brimar, UK with white T logo NOS, clean, uniform and guaranteed. The 6BR7 are the same as EF86 but 6BR7 has lower microphony and a different pin out. Both are B9A based. 6BR7 data: Vf=6.3V, If=150mA, Va=250V, Ik=2mA, S=1.1mA/V, Pa=0.7W. EF86 data: Vf=6.3V, If=200mA, Va=300V, Ik=6mA, S=1.8mA/V, Pa=1.3W.	OB/GB	10.00 20 @ 9.00 100 @ 8.00
6BR7	NOS	CV4006 Brimar, UK, no logo. NOS. The 6BR7 are the same as EF86 but 6BR7 has lower microphony and a different pin out. Both are B9A based. For data, please see above.	OB/GB	7.00 4 @ 6.25 75 @ 6.00 200 @ 5.50
6BR7	NOS	Brimar with yellow "T" sticker or D getter, NOS. A few yellow "T" label". 20 D getter. 50 pieces 6059 / 6BR7 white "T" logo.	OB/WB	15.00 10 @ 13.00 70 @ 11.00
6BS7	NOS	Brimar, some with white T logo. UK. NOS, guaranteed. 6BS7 are the same as EF86 but 6BS7 has lower microphony and a different pin out. B9A base.	Most OB	10.00 10 @ 9.00 60 @ 6.00
6BV8	NOS	RCA USA NOS. Guaranteed. Twin triode, each section has a separate cathode. Suits FM demodulation & AF in audio receivers.	OB/WB	3.75 4 @ 3.35 32 @ 3.00
6BW6 / 9BW6	NOS	Brimar logo UK. NOS. CV4043. These are 9BW6. A 9 volt heater version of 6BW6. Electrically similar to 6V6GT but 9BW6 has 9v heater & B9A base. We are near the end of our 6BW6 stock so please consider these alternatives.	OB	4.00 20 @ 3.00 80 @ 2.50
6BW6 / CV4043	NOS	Brimar logo UK. NOS. CV4043. Electrically identical to 6V6GT but has a B9A base.	OB	6.00 8 @ 4.60 50 @ 4.50
6BW6 / CV4043	GRADE 1	Brimar logo UK. CV4043. Grade 1 (used but test about 80 percent emission decent appearance not new appearance. Good print etc. Electrically identical to 6V6GT but has a B9A base.	G1 Box	4.50 100 @ 2.75
6BW7	NOS	Audio pentode, possible driver for 300B. 300 Brimar logo, 400 Mazda logo. All UK. NOS. Photo/data http://www.r-type.org/exhib/aaa0340.htm	OB	4.00 4 @ 3.34 100 @ 3.00 700 @ 2.70
6BX7GT	NOS	RCA, Sylvania & Westinghouse. NOS.	OB/WB	14.00 4 @ 11.00 30 @ 10.00
6BY6	NOS	NOS with logo. A pentode or strap it up as a triode. Potential audio type. B7G base. Data: Vf=6.3V, If=300ma, Va=250V, Ik=7mA. Sets of 200 pieces uniform and same brands. Guarantee. Similar to 6BE6. Jan military issue 5915 tubes, an interesting dual control heptode. Can be utilised as mixers or frequency changers. A long lasting good quality heptode.	GVT	2.50 200 @ 1.60
6BY7	NOS	Please refer to EF85 equivalent.		

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6BZ6	NOS	Audio pentode, similar to EF805S Telefunken except different base. These are 6BZ6 JAN ECG Philips logo, USA NOS. All clean identical, guaranteed. 6BZ6 is a B7G base audio pentode. Data/curves for both types on tubedata.itchurch website.	OB/GVT	4.00 10 @ 3.50 40 @ 2.10 100 @ 1.70 1,000 @ 1.60
6BZ6	NOS	Audio pentode, similar to EF805S Telefunken except different base. USA NOS. 200 Japanese NOS 6BZ6. These are 6BZ6.	BP/WB	3.50 10 @ 2.50 200 @ 1.80
6BZ7	NOS	USA, NOS, 10 RCA etc. Potential audio valve. Data on request.	Most OB	4.00 10 @ 3.75
6C4	NOS	Brimar logo UK NOS. Military, all NOS, tested, UK made. 6C4 is half of an ECC82 but on a B7G base, also very similar to 6J5G but on a different base.	OB/WB	13
6C4	NOS	Mullard logo, UK. NOS. Box anode. Tested & guaranteed. Printed M8080 & CV4058.	OB/WB	16.00 8 @ POA
6C4	NOS	Mullard logo, NOS. Double suture ladder anodes looks similar or identical to Mullard UK made. NOS, tested guaranteed. Mullard UK built advanced tube manufacturing facilities in England, but also in Holland, France, Australia and India. These Indian made tubes were manufactured using Mullard British-supplied tooling and expertise, so these tubes look identical to Mullard UK.	GVT	8.00 10 @ 6.00
6C4	NOS	RCA NOS and tested. RCA logo black anode, square getter.	Most OB	8
6C4	NOS	Sylvania tested, Sylvania logo, black anode, square getter or triple mica.	OB/WB	6
6C4	USED	Brimar logo, all used but tested, UK made.	WB	7
6C4	USED	Mullard logo, UK made. Used but tested working, clean appearance. Box anode like CV4058.	WB	8
6C4	USED	Mullard logo, UK made. Used but tested working, clean appearance. Ladder anode.	WB	6
6C4 / CV4058 / 6C4 / EC90	NOS		OB/WB	
6C4 / CV4058 / EC90	NOS	Mullard logo UK NOS. Ladder anode.	OB/WB	13
6C4 / EC90	NOS	Tung-Sol tested, Tung-Sol logo, grey anode, square getter.	OB/WB	6
6C4 / EC90	NOS	All ring getters. NOS tested, 8 GE USA made, 6 Mazda Japan made. Other USA brands. 12 Westinghouse USA made. All grey anode, ring getter.	OB/WB	5
6977	NOS	Miniature tuning indicator. Please refer to DM160.	OB	300 @ POA
6C4N-E / 6C4N / 6S4P / 6C4P	NOS	These are 6C4PI-EB, Russian NOS. 6C4N (6S4P) is a low noise single triode from the Russian military. Ultra-low noise, suits preamps etc. 90 day guarantee. Counter offers considered for 50 pieces. We should be able to find data on this tube, on request.	OB	7.50 4 @ 6.50 50 @ 5.00
6C5	NOS	Similar to 6J5G and L63 but these are black metal. Audio pentode similar to 6J5.	OB/WB	POA
6C5G	NOS	Brimar Mullard and other UK made NOS. Tested, guarantee.	OB/WB	26.00
6C5G	NOS	Sylvania & other USA made NOS. Tested, guarantee.	OB/WB	30.00 8 @ 27.50
6C5GT	NOS	UK / USA NOS. Hivac, Hytron, Sylvania & Mullard. 2 of each.	Most OB/GB	10.00 8 @ 8.00
6C6	NOS	USA / West European made NOS. Similar to 6J7G, EF37, but different pin out.	OB/WB	7.00 10 @ 5.50
6C10	NOS	USA NOS. Compactron, 12 pin tube, a few only.	OB/WB	65
6C10	USED	USA used tested. Compactron, 12 pin tube, a few only.	WB	35
6C19Pi	NOS	Alias 6C19N 6S19P from the Voskhod 'Rocket' factory. NOS. Guarantee. A power triode to suit high-end amplifiers, Data https://frank.pocnet.net/sheets63.html	OB	5.50 20 @ 4.80
6C19Pi-b	NOS	Svetlana. NOS. Guarantee. Also called 6C19-n, 6S19, 6C19Pi or 6C19P. A small power triode to suit high-end amplifiers eg Transcendent Sound T16 OTL, Little Dot headphone amp. Data https://frank.pocnet.net/sheets63.html	OB/WB	28.00 20 @ 20.00
6C33C	NOS	Please refer to 6C33CB.		
6C33C	NOS	Russian, NOS.	OB/WB	36.00 8 @ 33.00

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
6C33C	NOS	Russian, NOS. Same as Sovtek but without logo. Guaranteed. Socket is SOC71WC. Plug in replacement for 6C33CB, (6C33C are older and rarer).	OB/WB	40.00 16 @ 37.00
6C33CB	NOS	Russian. NOS. Same as Sovtek but without logo. Guaranteed. Socket is SOC71WC.	GB	35.00 10 @ 28.00
6C33CB	USED	Russian. Same as Sovtek but without logo. Guaranteed. Look new test used.	OB/WB	15.00 6 @ 14.00
6C41C / 6C41	NOS	1980s NOS. Ulanov Russian made audio triode, 30 watts plate dissipation.	OB	11.00 20 @ 9.00
6C45Pi	NOS	Sovtek with Russian print instead of logo. NOS.	OB/WB	21
6CA4	NOS	Please refer to EZ81 .		
6CA7	NOS	Please refer to EL34 Billington Gold.		
6CB5	NOS	RCA x 4 & 2 other USA. NOS tested clean. Potential audio type.	OB/GVT	4 @ 15.00
6CB6	NOS	Philips Holland, RCA, Sylvania & other USA. All NOS clean and guaranteed. Potential audio type. Fits Marantz 8B and other audio amplifiers. B7G base pentode with data: Vf=6.3V, If=300mA, Va=200V, Ik=10mA, S=6.2mA/V.	OB/GVT	2.30
6CD6G	NOS	Brimar logo UK NOS. Plus other West European brands. Shouldered shape.	GVT	6.00 10 @ 5.25
6CD6GA	NOS	USA NOS. 2 or 3 USA made brands: RCA, Westinghouse etc. Guaranteed.	Most OB	6.00 30 @ 4.00
6CD6GA	NOS	GE green logo USA NOS. All the same appearance. Guaranteed. An octal base audio pentode with similarities to 6L6G, though not equivalent.	GVT	3.50 80 @ 3.25
6CG3	NOS	Mostly GE plus a few other USA NOS. Partly similar to 6AX4, 6AU4, 6CJ3 or 6CG3. An octal rectifier, first designed for radio but now being used in hi fi /audio.	OB/WB	6.00 20 @ 4.00
6CG7	NOS	Please refer to 8FQ7 near equivalent. The only difference is heater is 8v not 6.3V.		
6CG7 / 6FQ7	NOS	Mazda logo UK NOS. Out of stock, please enquire.		POA
6CG7 / 6FQ7	NOS	Mazda logo made in Japan. NOS tested guaranteed. You're buying single tubes but matched pairs possible, for a fee.	OB	8.00 10 @ 7.00 100 @ 5.75
6CG7 / 6FQ7	NOS	RCA logo. USA. NOS. Clear top, or square getter, or black anode.	OB	21.00
6CG7 / 6FQ7	NOS	USA made. NOS with logo. Westinghouse, GE, Sylvania.	OB	11.00
6CG7 / 6FQ7	GRADE 1	Mazda logo made in Japan. Useful audio double triode. Clean appearance. Grade 1 tested guaranteed, GOOD appearance. Match pairs possible.	WB	4.50 10 @ 4.00 100 @ 3.40
6CG7 / 6FQ7	GRADE 1	Raytheon logo made in Japan. Useful audio double triode. Clean appearance. Grade 1 tested guaranteed. Match pairs possible.	WB	4.50 100 @ 3.40
6CG7 / 6FQ7	USED	Mazda logo made in Japan. Useful audio double triode. Decent appearance for a used tube. Used tested guaranteed. 06.08.21 Our client FB said these sounded better than RCA USA!	WB	3.00 100 @ 2.50 300 @ POA
6CG7 / 6FQ7	USED	40 x Raytheon logo made in Japan. 40 x Mazda logo made in Japan, 4 x Sylvania made in USA. Useful audio double triode. Decent appearance for a used tube. Match pairs possible for a fee. Used tested guaranteed.	WB	3.00 50 @ 2.65 300 @ 2.40
6CG7 / 6FQ7	USED	Used, tested with logo USA made. Westinghouse, GE, Sylvania, with logo, tested Grade 1. Minimum 80% emission, bulk pack & quite clean for a used tube.	BP	5.00 20 @ 4.00 100 @ 3.00
6CG7 / 6FQ7	USED	Used, tested with logo USA made. Westinghouse, GE, Sylvania, with logo, tested used. Minimum 65% emission.	BP	4.00
6CG7 / 6FQ7	USED	RCA logo, USA. Clear top , some black anode. In sets of 4 pieces identical, ie same construction, same print, etc. Used not new appearance but decent appearance, tested 65 per cent + and guarantee.	WB	10.00 10 @ 9.00 100 @ 7.00
6CH6 / CV4055	NOS	Brimar logo, UK NOS.	GVT	5.5

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6CH6	NOS	Brimar, UK, description exactly as below but these have GVT prints and NO Brimar logo. NOS printed CV4055. GVT crates of 100. 6CH6 was utilised by the British military being of longer life and more reliable than EL84. Transformers designed for EL84, EL33, KT61 might be applied to 6CH6 if you have specialist knowledge. The 6CH6 gives a crisp low distortion audio output. 6CH6 is VERY similar to EL33 and KT61, but EL33/KT61 is octal base. 6CH6 also has similarities to EL84 (not equivalent). Data: Vf=6.3V, If=750mA, Va=250V, Ik=40mA, S=11mA/V, Pa=12W.	GVT	5.00 100 @ 4.00
6CH6	NOS	Brimar logo, UK, NOS printed CV4055. These are slightly cheaper as they're white box, but still 100% genuine NOS tubes & guaranteed. EL33 data http://tubedata.itchurch.org/sheetsE1.html	WB	4.50 20 @ 3.80 100 @ 3.20
6CH6	NOS	Audio amplifier. Some years ago, our agent constructed an amplifier [parallel push pull class AB1] using 4 x 6CH6 valves [plus 6C4, 6BR7, 5U4G] [EL821=6CH6=CV4055]. We can send you a free circuit diagram and data to build this 15watt stereo amplifier. The amplifier gives excellent crisp clear sound when used with a CD player. Demonstration of the amplifier maybe possible by appointment at our agent's office. 6CH6 has some similarities to EL84 but is not equivalent. 6CH6 B9A base is near equivalent to the octal base KT61/EL33. [6CH6 in class AB1 has Vf 6.3v, Vg1 6.7v, Vg2 250v, Va 250v, Ia 30 mA, Ig2 4mA]. Free sample of Brimar 6CH6/CV4055 available [limited to one per customer].		
6CH6 / CV4055	NOS	Was used by the British military being of longer life and more reliable than EL84. Transformers designed for EL84, EL33, KT61 might be applied to 6CH6 if you have specialist knowledge. The 6CH6 gives a crisp low distortion audio output. 6CH6 is VERY similar to EL33 and KT61, but EL33/KT61 is octal base. 6CH6 also has similarities to EL84 (not equivalent). Data: Vf=6.3V, If=750mA, Va=250V, Ik=40mA, S=11mA/V, Pa=12W.	OB/GVT	POA
6CH6 / CV4056	NOS	CV4056 / F6132 Brimar logo UK NOS. These CV4056 are the same as 6CH6 above ** but with flying leads / wire ended. Wire-ended valves can be soldered directly into a PCB to give extra low noise advantage.	OB/WB	5.00
6CH7	NOS	USA NOS.	OB/WB	10
6CL3	NOS	USA NOS. Brands include GE, RCA and Sylvania. Equivalent to or near equivalent to 6DW4 / 6AY3, 6CH3 / 6CJ3 / 6DA4. We can advise tube data websites for you to research equivalents etc. An audio rectifier.	OB/WB	8.00 15 @ 4.50
6CL6	NOS	RCA / Raytheon / GE. USA. NOS. Clean and guaranteed. This B9A 6V pentode is used in some vintage audio equipment.	OB/GVT	4.00 50 @ 3.50
6CL6 / 6197	NOS	These are 6CL6 Thomson, France. NOS, guaranteed, logo. Fully equivalent to 6197. This B9A 6V pentode fits audio equipment including Leben amplifiers. Partly similar to 6V6G EL84.B9A base audio pentode. Data: 6CL6: Vf=6,3V, If=650ma, Va=250V, Ik=31mA, S=11mA/V, Pa=7,5W. 6V6G: Vf=6,3V, If=450ma, Va=250V, Ik=50mA, S=4,1mA/V, Pa=12W.	OB	4.00 20 @ 3.50 50 @ 2.00 600 @ 1.70
6CM3	NOS	Equivalent to 6DN3. GE, Westinghouse, Dumont & other USA NOS. All with logo, clean and guaranteed. 20 or 40 pieces of each brand. Clean & uniform appearance.	Most OB	9.00 16 @ 8.50
6CM6	NOS	USA. NOS. similar to 6973.	OB/WB	7
6CM7	NOS	Deltron brand believed to be made in Japan. World beating price! New, sample tested, guaranteed. Stock arriving soon. A B9A base medium mu double triode, 2 dissimilar triodes in 1 glass envelope. We know several of our clients have used this tube in audio. Data here or call our office http://frank.yueksel.org/sheets/127/6/6CM7.pdf	OB/WB	2.80 30 @ 2.00 60 @ 1.75 400 @ 1.50
6CM7	NOS	Made in Mexico, America. NOS. Sample tested & guaranteed. Double triode that can suit audio purposes. Data http://www.r-type.org/pdfs/6cm7.pdf and http://www.r-type.org/exhib/abg0009.htm	OB/WB	3.00 10 @ 2.40 50 @ 1.60 400 @ 1.40

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6CM7	NOS	50 GE, 10 Raytheon, 50 RCA, 20 Sylvania USA made. NOS. Double triode that can suit audio purposes.	OB/WB	3.00 10 @ 2.50 30 @ 2.10 100 @ POA
6CS7	NOS	RCA logo USA NOS. These are white box. Original box version maybe available please ask.	WB	10.00 20 @ 8.00 100 @ 7.00
6CS7	NOS	USA / West European / Japan. NOS. Please enquire for available quantity.	OB/WB	12.5
6CW4	NOS	6CW4 or 6DS4 equivalent. RCA USA. NOS. Please enquire about bulk quantity.	OB	15.00 5 @ 12.00 50 @ 10.00
6CW4	NOS	USA. NOS, mostly Sylvania. Tested guaranteed.	OB/WB	11.00 5 @ 8.00 50 @ 6.00
6CW4 / 8203	NOS	USA made. NOS.	OB/WB	17.50 20 @ 13.00
6CW4 / 8203	NEW / GRADE 1	USA brands. Potential audio type. These are new but store soiled appearance, due to long time in storage. Suitable for the front end of a tuner. Similar to 6CW4 but has different pin-out, all other data is identical. Brief data: filament 6V at 0.16 Amps, Ia=7mA, Gm=6mAV.	BP	10.00 6 @ 8.00 30 @ 7.00
6CX8	NOS	GE logo USA NOS, B9A base. One half is similar to ECC83. Other half is similar to EL84. Audio triode pentode. Data http://tubedata.milbert.com/sheets64.html	OB	3.00 16 @ 2.40 50 @ 1.60 150 @ 1.50
6CY5	NOS	USA made: 200 RCA, 100 Sylvania & 150N other USA NOS. The 6CY5 is ideal for use in audio amplifiers and preamplifiers. These 6CY5 might work as an alternative to AC701. We only did a little research so please do your own, more detailed research. We suggest you start here https://frank.yueksel.org/ and https://tdsl.duncanamps.com/tubesearch.php . Photo https://www.r-type.org/exhib/aci0011.htm	OB	3.00 20 @ 2.00 300 @ 1.75
6CY7	NOS	USA. NOS. Sets of 2 the same may be possible.	OB/WB	15
6CY7	NOS	USA. Used tested mixed brands.	OB/WB	5
6CZ5	NOS	RCA logo. USA NOS.	Most OB	15.00 8 @ 13.00
6CZ5	NOS	USA NOS. Not RCA. Enquire for bulk prices.	Most OB	12
6CZ5 / 6GZ5	NOS	These are 6GZ5 NOS. Similar to 6CZ5 USA. NOS.	Most OB	3
6D4 / EN93 / CV1722	NOS	Made in West Europe or USA NOS. We have good quantities in stock. Please enquire.	Most OB	POA
6D6	NOS	USA / West European made. 10 in stock.	OB/WB	5
6D10	NOS	USA. NOS. 12 pin.	OB/WB	27.5
6D22S	NOS	Russian.	GVT	4.00 20 @ 3.00
6D22S	NOS	Try GEC UK top quality A2272. B9G sockets (SOC950) fit. A2272 data: http://tubedata.philipse.info/ if you have difficulty please contact our office.		
6D22S	NOS	For lower power operations try EY84 Mullard. EY84 has high pulse and slow warm up properties [similar to 6D22S] and both valves can operate from the same 6.3V supply. More DATA under the EY84 section.		
6DA6	NOS	Please refer to EF89 .		
6DC6	NOS	Raytheon, Sylvania & other USA NOS. Guaranteed. Data: http://tubedata.philipse.info/ if you have difficulty please contact our office.	Most OB	6.00 10 @ 5.00 50 @ 4.00
6DE7	NOS	RCA, GE USA. NOS. Sets of 2 pieces same appearance, same brand.	Most OB	7.5
6DE7	NOS	Mixed USA brands. NOS. "Singles". None of these make 2 pieces of the same appearance. Hence low price.	OB/WB	5.50 10 @ 5.00
6DG6GT	NOS	USA NOS. GE / Raytheon / RCA / Sylvania / Tung-Sol. 20 of each brand.	OB/WB	3.00 20 @ 2.20 100 @ 2.00
6DJ8	NOS	Please refer to ECC88 and E88CC		
6DK3	NOS	ECG Philips USA NOS. This audio rectifier has many similarities to 6CL3. These are 6DK3. Data https://frank.pocnet.net/sheets6.html	OB	7.80 75 @ 5.80
6DK6	NOS	Amperex / GE / RCA / USA brands. 100 pieces available.	OB/WB	2.50 10 @ 2.20 200 @ 2.00
6DL5	NOS	Please refer to EL95		
6DN7	NOS	16 x GE, 8 x Westinghouse. USA NOS with logo. Suits headphone amplifiers, preamps etc. Tested guaranteed. Sets of 2 pieces identical appearance.	Most OB	8.00 4 @ 7.00 24 @ 6.00
6DQ5	NOS	RCA, GE, Sylvania USA NOS.	OB/WB	10.00 20 @ 8.00
6DQ5	USED	GE/Sylvania USA. Used, tested, clean. Many look near new.	OB/WB	6.00 12 @ 5.00

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6DQ6	NOS	USA. NOS. Please enquire re brands. Similar to 6V6GT but different pin out & top cap. Higher power than 6DQ6B.		
6DQ6A / 6DQB	NOS	USA. NOS. Please enquire re brands. Audio type, similar to 6L6GT, but different pin out & top cap.	OB/WB	5.5
6DR6	NOS	Mix NOS. Similar to EL81.	Most OB	3
6DR7	NOS	Westinghouse logo, or Sylvania logo, USA. NOS	OB	5.00 32 @ 3.75
6DS4	NOS	Please refer to 6CW4 , exact equivalent.		
6DT8	NOS	Westinghouse & other USA. Potential audio type. Some similarities to ECC85.	OB	3.00 30 @ 2.40
6DW4B	NOS	Westinghouse, Sylvania and other USA NOS. Equivalent to, or near equivalent to 6AY3 / 6CH3 / 6CJ3 / 6CL3/6DA4. We can advise tube data websites for you to research equivalents etc. An audio rectifier.	Most OB	8.00 10 @ 5.00 50 @ 4.50 150 @ 3.75
6DW5 / 6BQ5	NOS	These are 6DW5, B9A base. Sylvania USA NOS, printed Zenith or Bogen. Similarities to EL84 / 6BQ5, but different pinout etc. B9A base. Audio pentode. Data: http://tubedata.philipse.info/ if you have difficulty please contact our office.	WB	6.20 50 @ 4.00
6DZ4	NOS	Or 6T8 equivalent. Tung-Sol or RCA USA made, NOS.	Most OB	5.00 30 @ 4.00
6E5	NOS	USA or Japan NOS. 6 pin magic eye indicator.	Most OB	14.00
6E5C	NOS	Vintage NOS Russian. Similar to EM11, EM34 but not equivalent. This is 6E5C NOT same as UK / USA 6E5.	OB/WB	10.00 15 @ 7.50
6E5GT	NOS	Brimar etc. West Europe made. NOS with logo. Octal base magic eye. Data www.r-type.org/exhib/aaa0962.htm	OB/WB	25
6E7	NOS	North American manufacture	OB	8.00
6EA7	NOS	Equivalent to 6EM7. USA made NOS in stock.	OB	8
6EB8	NOS	Equivalent to 6GN8 GE/Raytheon/Sylvania. USA NOS. A triode-pentode, the triode section has high mu. 50+ GE all look the same, 50+ Sylvania all look the same. Data https://frank.pocnet.net/sheets64.html	OB	3.20 250 @ 2.50
6EH7	NOS	Please refer to equivalent EF183		
6EJ7	NOS	Please refer to equivalent EF184		
6EM5	NOS	35 Sylvania and 26 Westinghouse, USA NOS. Most have logos. Similarities to 6973.	Mostly OB	7.00 20 @ 6.40 60 @ 4.00
6EM7	NOS	NOS. Equivalent to 6EA7. USA made NOS. 10 GE, 40 Sylvania & 30 RCA. Mix of big base, normal base and coin base. Sets of 4 pieces the same brand & same appearance inside and out.	Most OB	14.00 16 @ 10.50 50 @ 5.00
6EM7	USED	GE and other USA. Used, tested guaranteed.	WB	5.00
6EU7	NOS	USA. Audio double triode. Sometimes available at GBP 20.00 wholesale.	OB	19.00 10 @ 17.00
6EU7	USED	Sometime available at GBP 10.00 wholesale.	OB	POA
6EU8	NOS	200 RCA, 400, Tung-Sol USA. NOS with logo. Triode pentode, partly similar to ECC83. Data: 6EU8 - Vf=6.3V, If=450mA, Va=125V, Ik=12mA, S=6.4mA/V, Pa=3.1W.	Mostly OB	3.00 10 @ 2.20 600 @ 1.80
6EW6	NOS	USA NOS.	OB/WB	4.00 50 @ 3.20
6F5	NOS	USA NOS with logo. Black metal audio valves. Similar to 6F5G / L63. Some are printed Haltron.		5
6F5G	NOS	West European / North American brands.	OB/WB	17
6F5G	NOS	Please refer to H63 equivalent.		
6F6	NOS	GE, Sylvania etc. USA NOS with logo. Black metal audio valves. Similar to 6V6.	OB/GVT	17.50 50 @ 15.00
6F6	GRADE 1	RCA, Kenrad & other USA made. Black metal audio valves. Sets of 10 pieces, identical brand/appearance. Test as Grade One, guaranteed. Similar to 6V6. Data http://tubedata.milbert.com/sheets6.html	G1 Box	12.00 30 @ 10.00
6F6G	NOS	RCA, Sylvania, Raytheon & Westinghouse. USA or Canada. NOS. See also KT63 GEC UK exact equivalent.	OB/WB	25.00 24 @ 22.00
6F6G	USED	RCA/Sylvania/Raytheon/Kenrad/GE USA. Used but test 60 percent emission or more. See also KT63 GEC UK exact equivalent.	WB	19.00 10 @ 12.00
6F6GT	NOS	National Union and other USA made, with logo. NOS. 3 or 4 USA brands. Similar to 6V6GT.	OB/WB	18.00 40 @ 15.00
6F6GT	NOS	Zaerix Russian made with logo. NOS. 30 look the same, tested guaranteed.	OB	7.00 30 @ 5.50
6F8G	NOS	USA NOS. 5 pieces mix brands. Includes round anode.	OB/WB	34

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6F14 / CV2243	NOS	STC / ITT. Improved data recently found! Audio pentode STC/ITT logo UK NOS. These CV2243 are equivalent to 6F14 but with a 9 pin base. These CV2243 are partly similar to EL84 but not equivalent. CV2243 is equivalent to STC 5A-206K. Data https://frank.pocnet.net/other/ServiceTypes/CVnumbers.html	OB/GVT	5.00 100 @ 4.00 400 @ 3.75
6F15	NOS	Mazda and other UK (NOS). Suits Murphy radios etc. 50 pieces in stock.	OB/WB	4
6F33	NOS	B7G audio pentode. Similar to EF91. STC ITT, UK NOS with logo. Data www.r-type.org/exhib/aaa0063.htm	Mostly GVT	5.00 200 @ 4.50 500 @ 4.00
6FD5	NOS	Made in Italy by ATES. In original ATES 100 way / bulk pack / egg crate, but no logo on glass. 6FD5 / 6QL6 is a B9A base miniature beam power tube. Data https://bms.isjtr.ro/search.html also in vade mecum or ask us. Some similarities to EL12, EL33, EL41, N78.	Most OB	5.00 10 @ 4.00 200 @ 3.00
6FD7	NOS	RCA, GE USA. NOS. Sets of 2 pieces same appearance, same brand.	Most OB	7.5
6FD7	NOS	USA NOS. None of these make 2 pieces of the same appearance.	OB/WB	5.5
6FH5	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	POA
6FH8	NOS	Potential audio tube. RCA, NOS clean guaranteed, with logo. Might be useful as a driver for EL84 in SE mode. Data: http://tubedata.philipse.info/ if you have difficulty please contact our office.	Most OB	8.50 150 @ 4.50
6FM8	NOS	RCA USA With logo. RCA logo USA NOS. Audio type. FM detector and AF voltage amplifier.	OB	2.50 50 @ 2.00
6FQ7	NOS	Please refer also to 6CG7, exact equivalent.		
6G5G / Y63	NOS	MOV, UK NOS. Many similarities to EM34.	OB/WB	25.00 10 @ 22.00
6G5G	NOS	Please refer to Y65 .		
6G6	USED	Mixed USA brands. Used, not the best appearance, tested and guaranteed.	GB	5.00 35 @ 4.00
6G6G	NOS	USA NOS with logo. Mostly Kenrad. Audio tube.	OB/WB	8.50 20 @ 6.50
6G6G	NOS	Please refer also to equivalent VT198A .		
6GB8	NOS	Japanese NOS. Guide price GBP75 wholesale.	OB	POA
6GE5	NOS	USA NOS. Varied brands.	OB/WB	6.50 16 @ 6.00
6GH8A	NOS	USA NOS with logo. Approximately 100 of each brand Zenith, GE, Sylvania and ECG. These are 6GH8A triode pentodes. They are similar but not equivalent to 6AU8/6BH8.	OB	3.00 10 @ 2.20 400 @ 1.80
6GK5	NOS	Sylvania, GE & other USA NOS. Tested, guaranteed with logo. Audio triode for Conrad amplifiers/FM tuners. Detailed mid clarity and smooth treble response. Supported structure gives low microphony.	OB/WB	5.80 20 @ 4.75 100 @ POA
6GK5 / PC97	NOS	These are PC97 Mazda UK NOS single triode. Long lasting good quality B7G base triode. PC97 is almost identical to 6GK5 except the 4.5V heater. Data: http://tubedata.philipse.info/ if you have difficulty please contact our office.	OB	2.50 15 @ 2.25 50 @ 2.00
6GM6	NOS	UK/USA NOS. Good quantities in stock. Please enquire.		3.00 Bulk @ POA
6GU7	NOS	RCA USA NOS.	Most OB	5.50 10 @ 5.00
6GW8	NOS	Please refer to equivalent ECL86 .		
6GX8	NOS	Please refer to EAM86 .		
6GZ5	NOS	USA NOS with logo. Similar to 6CZ5 and 6973.	OB/WB	3
6H1	NOS	STC logo, UK. NOS CV132 / 6H1 RF hexode mixer. It is designed to operate with a separate triode oscillator that injects into grid 3. The maximum design frequency is 20 MHz. Very similar to 6BE6, but heater takes only 200 mA. Suitable for mixer or frequency changer. Please don't confuse with Eastern made tubes of similar name.	OB/GB	2.00 10 @ 1.50 1,000 @ 1.00
6H1Pi / 6H1Pi / [6N1P]	NOS	Russian. Probably 1960s made. Printed 6H1P [Cyrillic script]. NOS, double triode with same pin out as ECC88. Similar to ECC88 and ECC83, but not equivalent.	BP	4.25 20 @ 2.80 100 @ 2.50 300 @ 2.00
6H6	NOS	Kenrad/RCA/Sylvania/other USA brands. Black metal. These are clean and guaranteed. Potential audio type . Amazing low price!	OB/WB	2.40 100 @ 2.00
6H6G	NOS	USA NOS. Shoulder shape. Small quantity. Usually available.	OB/WB	14

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PLEASE ADD 50% RETAIL SURCHARGE FOR ORDERS UNDER GBP240.

TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
6H6GT	NOS	Sylvania, Brimar & other UK/USA, NOS. Sets of 4 pieces same brand, same appearance. Potential audio type. Some are printed 6H6G but they're all straight sided shape.	OB/WB	3.00 10 @ 2.50
6H6P / 6H6Pi	NOS	Russian "alias" 6N6P. B9A Audio double triode.	OB/WB	8.00 10 @ 6.50 100 @ POA
6H23N	NOS	Refer to 6922 / 6H23N for stock details.	OB/WB	POA
6H30Pi	NOS	EH or Sovtek, grey pin. Depending what stock we have day to day. Both Russian new tested.	OB/WB	30.00 10 @ 27.00
6HB5	NOS	2 x RCA, 2 x Siemens, 2 x Westinghouse. USA made, NOS. Tested, guaranteed.	Most OB/WB	25.00 6 @ 22.00
6HS6	NOS	USA NOS.	Most OB	21.5
6HZ8	NOS	Raytheon.	OB	7 @ POA
6J1	NOS	Please refer to EF95. Chinese made. NOS. hundreds in stock.		
6J4	NOS	CV5311 Mullard, UK, NOS, some have logo. Single triode. 6J4 has some similarities to ECC81 and EF92.	OB	6.00 100 @ POA
6J4 / 6J4S	NOS	Thomson France NOS. They're 6J4S equivalent to 6J4. NOS perfect and guaranteed. 6J4S is a B7G base double triode with common cathode. Similarities to ECC81/12AT7. 6J4 - Vf=6.3V, If=400Ma, Va=150V, Ik=15Ma, S=12Ma/V, Pa=2.3W. Offers considered for orders over 100 pieces.	OB	4.00 10 @ POA
6J5	NOS	USA NOS.	GVT/WB	POA
6J5	GRADE 1	GE, Kenrad, Raytheon, RCA etc. USA made with logo. Black metal. Test as grade one. Guaranteed.	G1 Box	4.50 20 @ 3.50
6J5	USED	GE, Kenrad, Raytheon, RCA etc. USA made with logos. Black metal. Used not new appearance but tested/guaranteed. Deduct 25p if you accept with no box.	WB	3.00 30 @ 2.50
6J5G	NOS	STC Brimar UK. NOS. Tested, guaranteed.	OB/WB	65.00 8 @ 55.00
6J5G	NOS	GEC UK NOS. Shouldered shape. NOS tested guaranteed. Sets of 2 pieces identical appearance, usually possible.	OB/WB	110
6J5G	NOS	Mullard logo, UK NOS. Shouldered shape. NOS tested guaranteed.	OB/WB	67.50 4 @ 55.00
6J5G	NOS	USA NOS with logo. RCA, Sylvania, Westinghouse with logo. Sets of 2 pieces identical appearance. Shouldered shape. Tested, guaranteed.	OB/WB	30.00 4 @ 28.00
6J5G	NOS	USA NOS with logo. Raytheon. Sets of 2 pieces identical appearance. Shouldered shape. Tested, guaranteed.	OB/WB	32.00 4 @ 30.00
6J5G	NOS	USA NOS with logo. Raytheon, Sylvania, Tung-Sol, Westinghouse with logo. Singles, NOT sets of 2 pieces identical (different base colour, glass colour, height etc). Shouldered shape. Tested guaranteed.	OB/WB	23.00 4 @ 21.00 16 @ 19.00
6J5G	GRADE 1	USA made. Raytheon, Sylvania, Tung-Sol, Westinghouse with logo. Grade One. Tested/guaranteed. Sorry, NOT sets of 2 pieces identical, (NOT same appearance). Shouldered shape.	G1 Box	16.00 10 @ 11.00
6J5G	USED	10 Raytheon and 10 Westinghouse, USA made. Tested used. Shoulder shape with logo. Used, tested/guaranteed.	WB	12.00 10 @ 9.00
6J5G	USED	UK made. 2 of each. STC Brimar and Mullard. Shoulder shape with logo. Used, clean, tested/guaranteed.	WB	27.00 6 @ 24.00
6J5GT	NOS	Brimar UK, 4 pieces, metal base. NOS & tested as NOS.	OB/WB	25.00 4 @ 22.00
6J5GT	NOS	Chinese made. New clean, tested guaranteed. GT shape. Metal base. These have similar appearance to USA item.	WB	7.50 50 @ 5.50
6J5GT	NOS	Mullard UK NOS, metal base.	OB/WB	45
6J5GT	NOS	Made in Russia in the 1970s. Rugged construction. Similar to L63/6J5G.	OB	POA
6J5GT	NOS	STC, Brimar UK, NOS. With logo. Tested guaranteed.	OB/WB	POA
6J5GT	USED	Brimar UK, 6 pieces, metal base. Used, tested working. Sets of 2 pieces of identical appearance, unless advised otherwise.	WB	12.00 4 @ 11.00
6J5GT	USED	Brimar UK or STC UK, with logo. Tested as used, guaranteed. Decent appearance. Sets of 2 the same appearance.	WB	16.00 4 @ 14.00

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PLEASE ADD 50% RETAIL SURCHARGE FOR ORDERS UNDER GBP240.

TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
6J5GT	USED	Chinese made. These look new, but test as used, around 60 percent emission. GT shape. Metal base. Low price. These have similar appearance to USA item but they are Chinese made.	WB	3.75 20 @ 3.00 100 @ 2.75
6J5GT	NOS	Please refer to the following alternatives, not equivalents, for low cost alternatives: 9002, 12J5GT, 6F5GT, 6C5GT.		
6J5GT	NOS	All USA NOS with logo. Metal base. 4 GE, 2 RCA, 8 Sylvania & 10 Raytheon, USA. 2 Raytheon, Japan. 10 Kenrad, 8 Brimar UK. Sets of 2 pieces of identical appearance unless advised otherwise.	OB/GB	18.00 8 @ 17.00 40 @ 15.00
6J5GT / 6J5WGT	USED	All USA used, tested, working with logo. 16 KenRad, 6 Sylvania, 12 Raytheon, sets of 2 pieces of identical appearance, unless advised otherwise.	WB	9.00 4 @ 8.00 34 @ 7.00
6J5WGT	NOS	Raytheon USA NOS, logo.	OB/WB	16.00 4 @ 15.00
6J5WGT	NOS	USA NOS with logo. Metal base. Raytheon, USA. Sets of 2 pieces of identical appearance unless advised otherwise.	OB/GB	20.00 4 @ 18.00
6J6	NOS	Mullard, UK 6J6/CV4031 GVT print, no Mullard, logo. Please refer to ECC91 for pricing.		
6J6	NOS	Please refer to E90CC Mullard logo Holland. NOS. Some E90CC have pinch waisted glass and D getter Audio double triode. In most cases E90CC plugs in to replace 6J6. E90CC box anode gives better sound than 6J6.	WB	POA
6J6	NOS	Please refer to ECC91 for exact equivalent		
6J6 / 6J6A	NOS	USA NOS made including RCA, Sylvania and Westinghouse. Including 6101. In sets of 5 pieces, same brand same appearance.	Most OB	4.00 10 @ 2.50 100 @ 2.00
6J6 / 5964	NOS	Sylvania, Raytheon or RCA. USA. NOS. With logo. These are 5964 with B7G bases and double triode with common cathode. Equivalent to 6J6. Similarities to 6J4 and ECC81. Data www.tubedata.org	Mostly OB	2.50 10 @ 2.20 50 @ 2.00 500 @ 1.75
6J6 / 5964	NOS	Westinghouse, Sylvania, Raytheon. USA NOS. Data in above paragraph. Sorry at this price they are NOS, guaranteed but untested. Print may vary, some are egg crate / bulk pack.	OB/WB/B P	2.20 10 @ 1.80 300 @ 1.40
6J7	NOS	NOS, Westinghouse logo believed USA. Black metal.	OB/WB	6.00 12 @ 5.00
6J7	USED	USA brands, black metal. Used, not new appearance, decent appearance. Brands include RCA, Sylvania & Westinghouse. Tested guaranteed.	WB	3.00 50 @ 2.20
6J7G	NOS	UK NOS includes MOV, Marconi, Brimar UK. Rare item, usually in stock. Includes Z63 and KTZ63 equivalent.	OB/WB	27.5
6J7G / 8D2	NOS	These are 8D2 STC / Brimar UK NOS or V108 Brimar UK with military print. Same as 6J7G but larger B7 base. Socket to fit in stock SOC7PT4C. Data/photo http://www.r-type.org/exhib/ach0001.htm	Most GB	12.00 8 @ 10.00 40 @ 7.00
6J7G	GRADE 1	Brimar/MOV other UK brands. Used testing over 80% emission. Only 1 or 2.	G1 Box	18
6J7G	GRADE 1	Raytheon / other USA brands. Used testing over 80% emission.	G1 Box	15
6J7GT	NOS	West European brands including Mullard, Brimar & Tungram, UK. Approximately GBP 15.00 wholesale if available.	OB/WB	POA
6J7GT	NOS	USA made RCA, Tungsol & Sylvania.	OB/WB	12.00 10 @ 11.00
6J7GT / 12J7GT	NOS	NOS 12J7GT. Fivre logo. NOS. Made in Italy using RCA tools and RCA collaboration. These 12J7GT are like 6J7GT but they have different heater. Data: http://tubedata.philipse.info/ if you have difficulty please contact our office.	OB	5.00 80 @ 3.50
6J8G	NOS	NOS and used. Mullard USA, Radiotron.	OB/WB	POA.
6J11	NOS	USA. NOS. RCA, Sylvania & Westinghouse.	OB/WB	4.00 20 @ 3.00
6JB6A	NOS	RCA LOGO USA made. NOS.	OB/WB	30
6JC6	NOS	USA made NOS. Raytheon.	OB	3.00 10 @ 2.20 75 @ 1.80
6JE6C / 6LQ6	NOS	USA / JAPAN NOS. Same price for retail or wholesale on this item.	OB/WB	45
6JE6C/ 6LQ6	USED	USA. Tested working, guaranteed. Not new looking but fair appearance.	WB	15.00 20 @ 11.00
6JF5	NOS	Sylvania, RCA & other USA. NOS.	Most OB	25.00 4 @ 20.00

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
6JM6 / 6JE6C / 6LQ6	NOS	USA NOS. GE, RCA, Sylvania & Raytheon. NOS, tested & guaranteed. These are 6JM6. Equivalent to 6JE6C / 6LQ6.	OB	70
6JN6	NOS	USA, NOS guaranteed.	OB/WB	3.5
6JS6C	NOS	USA, Japan. NOS. Same price for retail or wholesale on this item. Several in stock.	OB/WB	35
6JS6C	GRADE 1	USA manufacture including RCA, GE.	G1 Box	18
6JE6C	USED	USA or Japan. Used. Tested guarantee. Several in stock.	BP	11
6JT6	NOS	USA. NOS, incl RCA. 2 pieces the same appearance.	OB/WB	21
6K6G	NOS	USA. NOS. Audio pentode.	OB/WB	8
6K6GT	NOS	16 Kenrad, 8 National Union, 12 Raytheon, 50 RCA, 40 Sylvania, 15 Westinghouse, 40 Tung-Sol, & other vintage USA made NOS. Audio pentode. Partly similar to EL84. Appearance varies (grey glass, black glass, slightly taller or shorter glass etc), but they are supplied in sets of 4 of the same appearance.	OB/WB	8.00 100 @ 6.00
6K6GT	NOS	Tung-Sol, logo USA made NOS. Audio pentode. In sets of 4 of the same appearance.	GB	10.00 30 @ 8.50
6K6GT	USED	Sylvania, Kenrad, Tung-Sol and other vintage USA made. Used tested. Decent appearance, good print, in sets of 4 the same brand/appearance. Audio pentode.	WB	4.00 10 @ 3.50 75 @ 2.50
6K7	NOS	Audio type. GE logo, USA NOS. Box & metal also printed CV1942. NOS & guaranteed. Black metal. A remote-cut off variable Mu octal pentode, for audio compressors.	GB	4.00 6 @ 2.80 150 @ 2.60
6K7	NOS	Please refer to EF39 near equivalent.		
6K7G	NOS	GEC UK NOS. ST Shape. Equivalent to KTW63. A remote-cut off variable Mu octal pentode for audio compressors.	GVT	10.00 50 @ 6.00 100 @ POA
6K7G	NOS	UK made NOS. Mint condition, Gov't box. Believed to be GEC UK made. Printed CV1941 KB-RC (ie Ferranti military code).	GB	6.00 8 @ 5.00 50 @ 4.50 100 @ 4.00
6K7GT	NOS	USA NOS. Audio tube. See 6K7G for more info.	OB/WB	3.00 30 @ 2.80
6K16 / 6H16	NOS	Russian print, believed equivalent to 6111.	WB	1.50 300 @ POA
6K16BV	NOS	Made in Russia NOS. Good quantities in actual physical stock. Please enquire.	OB/WB	50 @ POA
6K8	NOS	RCA logo, USA NOS. Tested/guaranteed. Black metal.	OB/WB	5
6K8G	NOS	Brimar & other USA or UK NOS. Guaranteed. ST shape.	OB/WB	5.00 16 @ 4.00
6K8G	NOS	Made in USA. NOS. Good quantities in actual physical stock. Please enquire.	OB/WB	40 @ POA
6K8GT	NOS	Haltron logo, but believed UK made. NOS tested/guaranteed. Cheap, possible audio pentode.	OB/WB	5.00 4 @ 4.00 100 @ 3.75
6K8GT	NOS	Made in UK & 40 made in USA. NOS. Well-known brands in physical stock. Please enquire.	OB/WB	5.50 40 @ 5.00 80 @ 4.80
6KD6	NOS	USA/Japan. NOS. When available GBP40 wholesale.	OB/WB	POA
6KD6	NOS	Made in USA, mostly RCA. NOS.	OB	100 @ POA
6KD6	USED	Tested. USA / Japan.	WB	20
6KD8	NOS	Please see 6U8A and ECF82		
6KE8	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	4.00 Bulk @ POA
6KN8A	NOS	These are 6R-HH8A NOS. USA.	OB/WB	12.5
6KS6	NOS	GE, USA NOS. Etched as "6KS6". Possible audio type. 800 pieces. Deduct 25p if you accept in bulk pack, ie cheaper without WB. B7G pentode. Data Vf=6.3V, If=300mA, Va=330V, Ik=5mA, audio pentode.	WB	3.00 10 @ 1.40 800 @ 1.00
6KV6A	NOS	Sylvania and other USA NOS.	Most OB	33
6L5G	NOS	West European/North American brands including RCA, Sylvania etc. Some similarity to 6J5G.	OB/WB	4
6L6	NOS	USA NOS. black metal. NOS tested guaranteed. 3 or 4 different brands. Please inquire re brands available	OB/WB	22.00 8 @ 16.00 40 @ 15.00
6L6	GRADE 1	RCA logo and a few Kenrad logos. USA made. Tested as Grade One. Unused but imperfect appearance due to long term storage.	G1 Box	12.00 10 @ 9.50
6L6	USED	RCA, used, tested and guarantee. 65 per cent emission.	BP	7.00 10 @ 6.00
6L6	NOS	RCA logo. USA NOS. black metal. NOS tested guaranteed.	OB/WB	22.00 8 @ 16.00
6L6	NOS	Please refer to 1619 RCA which is very similar but has 2.5 volt filament.		

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
6L6 / 1614	NOS	RCA USA. NOS black metal. These 1614 are near equivalent to 6L6.	OB	22.00 6 @ 17.00
6L6G	NOS	Brimar logo. UK, NOS. Black glass, black base. Sometimes available.	GVT	101
6L6G	NOS	Mullard logo. UK. NOS.	Most GB	60
6L6G	NOS	Westinghouse. USA NOS with logo. Tested/guaranteed. Sets of 2 the same appearance.	Most GB	35
6L6G	NOS	Chinese. Test, clean, guarantee.	WB	6
6L6G	NOS	Raytheon or other Japan. NOS.	Most GB	25
6L6G	NOS	RCA USA. Mullard UK. NOS with logos. Clean, tested/guaranteed.	Most GB	52
6L6G	NOS	Sylvania, Westinghouse or other USA NOS with logos. Clean, tested/guaranteed. 8 pieces but 8 different brands. Regret none are 2 of the same appearance.	OB/WB	30.00 8 @ 24.00
6L6G	GRADE 1	4 x RCA, 4 x Sylvania and 4 x Westinghouse, USA with logo. Tested as grade one, and guaranteed. Quantities vary every week. Please enquire for current availability.	G1 Box	24.00 4 @ 18.00 12 @ 16.00
6L6G	USED	Brimar logo. UK, NOS. Black glass. Black Base. Used, tested, guaranteed. Set of 2 pieces, the same inside and out.	WB	31
6L6G	USED	We have only limited stock, please refer to the following items that we have in better quantities: 7581A - catalogue page 84, 6L6GC - USSR matched within 2 percent, catalogue page 38, 5881 - Tung-Sol GE RCA, catalogue page 74.	WB	25
6L6G / KT66	NOS	UK NOS. These are printed Mullard logo KT66, but these test like a 6L6G shoulder ST shape. Grey glass. Small quantity. Some are also labelled PP60. A UK made 6L6G at attractive price.	OB/WB	60.00
6L6GA	NOS	Chinese. Tested, with guarantee.	WB	15.00
6L6GA	NOS	USA NOS. 2 of this brand, 4 of that brand. Brimar UK, Sylvania USA, etc.	GB/WB	30.00 4 @ 25.00 8 @ POA
6L6GA	GRADE 1	USA. Test as grade one. Don't look new but look decent.	G1 Box	18.00 4 @ POA
6L6GAY	NOS	Sylvania logo. USA NOS. Sets of 4 or 8 same appearance. Matched pairs should be possible.	WB	30.00 8 @ 25.00
6L6GB	NOS	RCA back anode with logo. USA. NOS. Sets of 2 pieces same appearance.	OB/WB	55.00 2 @ 50.00 6 @ POA
6L6GB	NOS	USA. NOS.	OB/WB	20.00
6L6GB	USED	USA. NOS. used tested working.	WB	10.00
6L6GC	NOS	Refer also to 6L6G China, low cost near equivalent.		
6L6GC	NOS	BILLINGTON GOLD. Russian manufacture. Guarantee. Please refer to page 6 for full details.	OB	17.00
6L6GC	NOS	Chinese, new tested guaranteed. Includes groove tube. A few printed 7581A, a few printed KT66. All GT shape. Supplied in sets of 2 or 4 identical appearance. Bargain price.	OB/WB	14.00 20 @ 11.00
6L6GC	NOS	ECG Philips logo. USA NOS. 8 pieces look the same. Matched pairs may be possible. Very attractive appearance.	OB	65.00 8 @ 60.00
6L6GC	NOS	Japan. NOS. Singles, not sets of 2.	OB/WB	40.00 6 @ 30.00
6L6GC	NOS	USA. NOS. Includes GE, excludes RCA. 2 pieces look the same.	OB	60.00
6L6GC	NOS	USA. NOS. Singles. None of these make sets of 2, this means that no 2 pieces look the same. We may be able to find 2 pieces with similar electrical properties, but not the same appearance.	OB/WB	55.00 4 @ 45.00
6L6GC	NOS	RCA logo, USA. NOS. Black anode. Sets of 2 that look the same.	OB	140.00
6L6GC	NOS	Russian, NOS. Alias 6L6GB or 6L6GT.	Most OB	18.00 10 @ 17.00 100 @ 16.00
6L6GC	NOS	Sylvania logo. NOS. Sets of 2.	OB	60.00 4 @ 50.00
6L6GC	GRADE 1	RCA logo, USA. NOS. Black anode. Shorter vintage version made in (we believe) the 1960s. Sets of 2 that look the same. Grade 1. Don't look new but look decent with good print and around 80percent emission. Electrical match pairs may be possible on request.	G1 Box	60.00 4 @ 50.00
6L6GC	GRADE 1	Sylvania, Westinghouse & other USA made with logo. Test as Grade 1. Guaranteed. Supplied in sets of 2 pieces identical appearance.	G1 Box	40.00 8 @ 30.00

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
6L6GC	USED	RCA logo, USA. Used, not new but tested, approximately 65 percent emission.	WB	40.00 8 @ 35.00
6L6GC	USED	Sylvania. Used tested between 60 and 80 percent emission. Sets of 2 the same appearance inside and outside	WB	4 @ 25.00
6L6GC	USED	RCA USA. Used tested between 60 and 80 percent emission. Singles. None of these make sets of 2, this means that no 2 pieces look the same. We may be able to find 2 pieces with similar electrical properties but not the same appearance. All brown getters.	WB	22.00 4 @ 20.00
6L6GC	USED	Mixed USA brands. Used. Test only 50 percent emission.	WB	27.00 8 @ 25.00 50 @ 23.00
6L6GC / 6L6GT	NOS	Russian. Equivalent to Cyrillic 6N3C. NOS, tested as excellent but not matched pairs.	WB	11.00 4 @ 10.00 20 @ 9.00 50 @ 7.00
6L6GC / 6L6GT	NOS	Russian. Equivalent to Cyrillic 6N3C. NOS 1980s made. Matched pairs with less than 10 percent difference between the 2 tubes, eg tube 1 is 60mA and 5.5mA/v, tube 2 is 55mA and 5.2mA/v.	WB	18.00 2 @ 36.00 20 @ 12.00
6L6GT	NOS	BILLINGTON GOLD. Please refer to 6L6GC for information.		
6L6WGA / 5932	NOS	USA, NOS. 5932 / 6L6WGA is the same as 6L6G but has high temperature base. Photo www.r-type.org/exhib/aaa0155.htm Data: Vh=6.3, Ah=0.9, Va=350, Vs=250, Vg=-18, mAa=54, mAs=2.5, ra=33K, gm=5.2, 11W.	WB	25.00 6 @ 22.00
6L6WGB	NOS	Please refer to 5881 exact equivalent.		
6L6WGC	NOS	Please refer to 5881 exact equivalent.		
6L6Y	NOS	Please refer to 6L6		
6L7	NOS	USA NOS black metal, RCA Kenrad etc Data: Vf=6,3V, If=300mA, Va=250V, Ik=3mA	OB/WB	2.75 20 @ 2.50 100 @ 1.75 250 @ 1.50
6L7G	NOS	West European/North American brands including Fivre and Sylvania. Distant relation to 6L6G.	OB/WB	4.50
6L7GT	NOS	Fivre Italy made NOS. Potential audio type. Distant relation to 6L6G.	OB	4.30 6 @ 4.00 100 @ 3.70
6LB6	NOS	USA NOS compactron. 6LB6 may successfully replace 6JS6C. You may need to add 20 pF capacitor, in series with the variable neutralization capacitor. It is up to YOU to research this on the internet. We cannot advise on technicalities on this one. Data: http://tubedata.philipse.info/ if you have difficulty please contact our office.	OB/WB	15
6LB6	USED	USA. Used, tested. Decent appearance. Guaranteed. 12 pin pentode.	WB	7.5
6LF6 / 6LX6	NOS	These are 6LX6 plug in replacement for 6LF6 USA or Japan. NOS. Only 1 or 2.	OB/WB	65
6LF6 / 6LX6	USED	These are 6LX6 plug in replacement for 6LF6 for USA or Japan. Used, tested, working. Guaranteed. decent appearance.	OB/WB	25.00 8 @ 20.00
6LQ6	NOS	USA / Japan. NOS. Same price for retail or wholesale on this item. Several pieces in stock.	OB/WB	45
6LQ6	USED	USA / Japan. Used, tested. 10 or more usually in stock.	WB	16
6LQ6	GRADE 1	USA brands. Several pieces in stock.	G1 Box	20.63
6LQ8	NOS	USA manufacture including RCA, GE.	OB/WB	28.00 6 @ 27.00
6LX6	NOS	USA / Japan. NOS. Same price for retail or wholesale on this item.	OB/WB	32.00 4 @ 25.00
6LX6	USED	USA / Japan. Used, tested.	WB	16.00 4 @ 12.50
6M5	NOS	UK/USA NOS. Good quantities in actual physical stock. Please enquire.	Most OB	POA
6N1P	NOS	Please refer to 6H1P.		
6N2P / 6H2pi	NOS	These are Chinese or Russian 6N2P/6H2pi. Equivalent to ECC41 6AX7. Suitable for Fatman audio amplifiers. New Clean. Near equivalent to ECC83, but slightly different pin out. The triodes work in series only from pins 4 and 5. There's no centre filament tap at pin 9 as in ECC83. Data Vf=6.3V, If=750Ma, Va=300V, Ik=45Ma, S=11Ma/V. More data http://frank.pocnet.net and look for the 6N2 section. More data in block 345 of Vade Mecum. Near offers welcome if buying 100 pieces or more.	WB	3.00 4 @ 2.67 100 @ 2.00 300 @ 1.75

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
6N6P / 6H6Pi	NOS	Linear double triode. Has similarities to E182CC and 3A167M but has different pinout. Made in "Souz" military plant, Russia. Refer to 6H6P for our stock.	WB	POA
6N7	NOS	Kenrad, RCA, Westinghouse, USA. NOS black metal.	OB/WB	5.00 10 @ 4.00 40 @ 3.50
6N7C	NOS	Russian manufacture. Please refer to 6BG6G . [NB - 6N7C is not similar to 6N7G].		
6N7G	NOS	UK or West European made. NOS.	OB/WB	30
6N7G	NOS	USA NOS.	OB/WB	15
6N7G	USED	Mullard UK NOS.	OB/WB	17
6N7GT	NOS	Russian, OTK logo. NOS, vintage guaranteed. Similar to 6SN7GT. 6SN7 and 6N7 are both octal base. 6N7 has only one cathode. Data: 6SN7 = Vf = 6.3V, If = 600 mA, Va = 250V, Ia = 10 mA, gm = 2.6mA/V, Pa = 2.5W. 6N7GT = Vf = 6.3V, If = 800 mA, Va = 250V, Ia = 3 mA, gm = 1.5mA/V, Pa = 5.5W More data for both types www.tubedata.org Please note that these are 6N7 not 6SN7.	OB	4.00 5 @ 2.50 100 @ 1.25 500 @ 1.10
6N7GT	NOS	USA NOS	OB/WB	7.00
6P5G	NOS	USA NOS	OB/WB	15.00 10 @ POA
6P5GT	NOS	USA NOS	OB/WB	15.00 10 @ POA
6P13S	NOS	These are new Chinese 6P13P, equivalent to 6P13S. They're partly similar to EL36 but different pin out.	OB/WB	2.00 50 @ 3.50
6P25	NOS	Mazda UK. NOS. 2 pieces look the same. GBP 50.00	OB/WB	50
6P25	NOS	Mazda UK. NOS. 2 pieces don't look the same (differed print etc) GBP 50.00	OB/WB	40.00
6P25	GRADE 1	Mazda, UK. Test as grade one. Not new appearance. Is near equivalent to EL33, KT61. Guaranteed.	G1 Box	30
6P26	NOS	Mazda logo UK NOS. Many similarities to audio pentode such as to EL33, KT61.	OB/WB	15.00 4 @ 14.00
6P28	NOS	Mazda logo, UK NOS.	OB/WB	15.00 25 @ 12.00
6P28	GRADE 1	Mazda logo, UK Grade One	G1 Box	8.00 16 @ 6.00
6Q7	NOS	Believed to be USA. Black metal.	OB/WB	4.00 50 @ POA
6Q7G	NOS	Brimar UK NOS. Military print CV587. 6Q7G is similar to half of an ECC83. 6Q7G is a single triode with octal base.	GB	12.00 10 @ 11.00 30 @ 10.00
6Q7G	GRADE 1	Brimar UK CV587. Unused. In the original military crates. These look new but some test at 80 percent emission, some have the glass SLIGHTLY "off centre". Will work fine in your amplifier.	GB	9.00 10 @ 8.00 60 @ 7.00
6Q7G / DH63	NOS	These are DH63 MOV / Marconi / Osram. UK NOS. Shoulder shape. Several different appearances (metal base, black base, etc). Supplied in sets of 2 or 4 pieces of identical brand/identical appearance.	OB/WB	15.00 4 @ 12.50 25 @ 10.00
6Q7GT	NOS	USA NOS. 6Q7GT is similar to half of an ECC83. 6Q7GT is a single triode with octal base.	OB/WB	5.00
6Q7GT	NOS	Brimar UK, MOV / GEC UK. NOS.	OB/WB	8.00
6R7	NOS	USA NOS. black metal. Various brands.	OB/WB	2.5
6R7G	NOS	12 Sylvania, 12 Westinghouse, 30 other USA NOS. Audio triode. USA made. All with logo. 6R7G is an octal based triode with double diode. An audio tube approximately equivalent to half of a 6SN7.	Mostly OB	3.40 10 @ 3.00 50 @ 2.75
6R7GT	NOS	12 Visseaux France, 12 Hytron USA, 12 Kenrad USA, 12 Sylvania, 12 Westinghouse, 100 other USA NOS. Audio triode. 6R7GT is an octal based triode with double diode. An audio tube approximately equivalent to half of a 6SN7.	Mostly OB	3.40 10 @ 2.80 150 @ 2.75
6S4A	NOS	Sylvania green logo, USA. NOS. A B9A audio triode, similar to half of a 122AT7 / ECC81.	OB/WB	7.00 20 @ 5.50 100 @ 3.50
6SA7	NOS	AmpereX/Sylvania/Westinghouse/other USA NOS.	OB/WB	2.40 10 @ 2.20 100 @ 2.00
6SB7	NOS	UK/USA NOS. Good quantities in actual physical stock. Please enquire.	Most OB	POA
6SC7	NOS	Kenrad/GE/RCA, NOS USA made. Octal double triode for audio. Some similarities to 6SN7.	OB/WB	15
6SC7	GRADE 1	USA made, black metal. Used, but look decent & test strong. G1 box.	G1 box	11.00 25 @ 9.00
6SC7GT	NOS	6SC7GT or 6SC7GT, Tung-Sol USA NOS, most with logo. USA made. Tested.	Most OB	26
6SD7GT	NOS	USA NOS.	OB/WB	3.00 10 @ 2.40

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
6SF5	NOS	USA NOS with logo. Black metal. Mix brands including RCA, Sylvania & Tung-Sol. Audio triode.	WB	4.00 6 @ 2.80 100 @ 2.10
6SF7	NOS	Black metal, octal base audio triode with SOME similarity to 6J5G. Data: Vf=6.3V, If=300ma, Va=250V, Ik=12mA, S=2mA/V. USA NOS including Sylvania.	OB/WB	4.50 10 @ 3.40 70 @ 3.00
6SF5GT	NOS	USA NOS. Audio triode. Usually available.	OB/WB	6
6SF5GT	NOS	USA NOS with logo. Mix of brands including RCA, Sylvania & Tung-Sol. Audio triode.	OB/WB	8.50 60 @ 6.50
6SG7	NOS	50 x GE, 50 x RCA, 50 x Kenrad. NOS. 6SG7 has similarities to EF86 but 6SG7 is octal base. More data on request.	Most GVT	4.00 5 @ 3.33 200 @ 3.20
6SG7Y	NOS	RCA logo USA NOS. 6SG7 has similarities to EF86 but 6SG7 is octal base. More data on request.	GVT	4.00 5 @ 3.33 200 @ 3.20
6SH7	NOS	RCA or Kenrad. Logo USA. Black metal. New, unused but small specks of rust on the metal due to long-time storage. Hence half price, audio pentode.	GVT	2.00 12 @ 1.34 50 @ 1.25
6SH7GT	USED	USA. GT glass. Used, tested, working.	WB	3
6SJ7	NOS	USA, NOS with logo. Black metal. Kenrad & GE, USA. Sometimes available at approximately GBP 8.00 wholesale.	OB/WB	POA
6SJ7	USED	Kenrad, RCA or other USA. In fair condition for a used tube, rust if any is small in size. Tested, guaranteed.	GB	4.00 50 @ 3.00
6SJ7	GRADE 1	Kenrad, RCA or other USA. Test near new, but slightly used appearance. Tested, guaranteed.	G1 Box	4.50 20 @ 3.00 40 @ 2.50
6SJ7GT	NOS	Chinese, straight side GT shape.	WB	5.00 10 @ 4.00
6SJ7GT	NOS	NOS. Believed to be Japanese.	WB	11.00
6SJ7GT	NOS	Hytron, Raytheon, RCA, Sylvania & other USA NOS with logo. Tested, guaranteed. Sets of 2 the same appearance.	OB	14.00 10 @ 11.50 20 @ 8.50
6SJ7GT	USED	USA with logo, tested guaranteed. Good print, but do not look new. Tung-Sol, Raytheon, Hytron, Sylvania, RCA, all USA made. We try to supply all one brand but print style varies. Some metal base, some black base, some silver anode & some grey anode.	WB	10.00 5 @ 7.00 16 @ 6.00
6SJ7GT	GRADE 1	20 pieces. Raytheon logo USA. Probably NOS (NOS) but the metal in the base has slightly dull colour due to long-time storage, hence reduced price. Tested/guaranteed. Sets of 4 or more of the same appearance.	G1 Box	10.00 20 @ 8.00
6SJ7Y	NOS	RCA USA.	GVT	3.00
6SK7	NOS	Please see 6SK7/WA exact equivalent.		
6SK7 / 6137	NOS	These are 6137 equivalent to 6SK7. GE 5 star logo. NOS and clean. Audio pentode.	Colourful OB	5.00 20 @ 4.00 100 @ 3.00
6SK7GT	NOS	Chinese new guaranteed. Audio pentode. Some similarities to EF86. Data same as 6SK7W USA below.	WB	2.40 15 @ 1.20 50 @ 1.10
6SK7W	NOS	RCA and Kenrad, USA NOS with logo and Guarantee. Remote cut off broadband audio pentode. Partly similar to EF86. Data tubedata.itchurch. Vf=6.3V, If=300mA, Va=250V, Ik=10mA, S=2mA/V.	Mostly OB	4.00 5 @ 3.00 400 @ 2.20
6SK7WA	NOS	RCA, GE, USA NOS with guarantee. For information, data/photos, please refer to the 6SK7W RCA section, above.	Mostly OB	4.00 5 @ 3.00 400 @ 2.20
6SL7GT	NOS	BILLINGTON GOLD. Russian or Chinese manufacture. With guarantee. NOS, clean and tested to special standard. Great audio quality.	OB	9.00 50 @ 8.00
6SL7GT / CV1985	NOS	Brimar UK made. NOS. Clear glass, tested/guaranteed. Usually available.	OB/WB	62.00 4 @ 60.00
6SL7GT	NOS	RCA, logo USA, NOS. In groups of 2 pieces the same appearance. All with logo, USA made NOS. Tested, guaranteed.	Most OB	25.00 10 @ 22.00
6SL7GT	NOS	CV1985 Brimar UK made. NOS. Clear glass, tested/guaranteed. Usually available.	OB/WB	60.00 4 @ POA
6SL7GT	NOS	China, new, tested, guaranteed. Deduct 25p if you accept bulk pack not WB.	OB/WB	5.50 50 @ 4.40
6SL7GT	NOS	GE silver anode USA made. NOS. Tested/guaranteed with logo.	OB/WB	24
6SL7GT	NOS	Kenrad USA made. NOS. Tested/guaranteed with logo.	OB/WB	22.00 4 @ 20.00
6SL7GT	NOS	National Union, grey or black glass with logo. USA NOS. In sets of 2 of the same appearance. All with logo, USA made NOS. Tested, guaranteed.	OB/WB	32.00 4 @ POA

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
6SL7GT	NOS	National Union, clear glass with logo. USA NOS. All with logo, USA made NOS. Tested, guaranteed.	OB/WB	20
6SL7GT	NOS	RCA logo, USA NOS. Grey glass. In SETS OF 2 the same appearance. All with logo, USA made NOS. Tested, guaranteed.	OB/WB	32.00 4 @ POA
6SL7GT	NOS	RCA logo, USA NOS. Clear glass. All with logo, USA made NOS. Tested, guaranteed.	OB/WB	24.00 4 @ POA
6SL7GT	NOS	RCA logo, USA NOS. Short base. All with logo, USA made NOS. Tested, guaranteed.	OB/WB	17
6SL7GT	NOS	Russian. NOS. Deduct 25p if you accept bulk pack not WB.	OB/WB	8.00 70 @ 7.00
6SL7GT	NOS	Tung-Sol. Black glass USA NOS.	OB/WB	50
6SL7GT	NOS	Tung-Sol black glass VT229 with logo, USA made NOS. Tested, guaranteed.	Most OB/WB	46
6SL7GT	NOS	USA made. NOS. Tested/guaranteed with logo. GE, RCA, Tung-Sol & Sylvania usually available.	OB/WB	20.00
6SL7GT	NOS	USA. NOS. Tested/guaranteed with logo. These are mixed appearance, some full size base, and different anode colours. Due to mixed appearance they are reduced price. Brands include Raytheon, Westinghouse, GE, RCA, Tung-Sol USA & Sylvania. No 2 pieces are of the same appearance.	OB/WB	13.00 8 @ 11.00 24 @ 10.00
6SL7GT / VT229	NOS	Sylvania USA NOS with logo. Includes silver foil getter version, chrome tops, VT229 and D getter version.	GB	32.00 4 @ POA
6SL7GT	GRADE 1	CV1985 Brimar UK made. Clear glass, tested as grade 1, guaranteed.	G1 Box	40
6SL7GT	GRADE 1	RCA/Sylvania, USA with logo. Tested as Grade One.	G1 Box	9.5
6SL7GT	USED	USA brands. Sylvania, Kenrad, Raytheon and Westinghouse with logos. Used, not new appearance but tested and guaranteed.	WB	7
6SL7WGT	NOS	10 x RCA, 10 x Sylvania. In sets of 2 or 4 of the same appearance. All with logo, USA made NOS. Tested, guaranteed.	OB/WB	28.00 10 @ 26.00 20 @ 24.00
6SN7GT	NOS	BILLINGTON GOLD logo. Russian NOS. We've received very positive reports from audio customers using this in amplifiers. High audio quality and product reliability. Tested within very tight limits. Guaranteed.	OB	12.00 8 @ 11.00
6SN7GT	NOS	Brimar logo UK NOS. White logo. Tested, guaranteed. Clear glass.	OB/WB	110.00 4 @ 100 8 @ 90.00
6SN7GT	NOS	Brimar logo made by Fivre in Italy. NOS Tested, guaranteed. When available approximately GBP 70.00	OB	POA
6SN7GT	NOS	Brimar logo UK NOS. Red logo. Tested, guaranteed. Clear glass.	OB	140.00 4 @ 135.00
6SN7GT	NOS	Brimar UK NOS. KB/FE version. Tested, guaranteed. Black glass. 4 pieces look the same	OB/WB	330.00 4 @ 320.00
6SN7GT	NOS	Brimar UK NOS. KB/FE version. Tested, guaranteed. Black glass. 2 of the same appearance, but not a matched pair, electrically.	OB/WB	360.00 4 @ 340.00
6SN7GT	NOS	Brimar UK NOS. KB/FE version. Tested, guaranteed. Black glass. 2 of different appearance (anode colour, height, top mica may vary), but electrically are a matched pair.	OB/WB	330.00 4 @ 310.00
6SN7GT	NOS	CBS-Hytron logo USA made vintage NOS with logo. Tested and guaranteed. Sets of 2 identical appearance.	OB/WB	42.00 4 @ 40.00
6SN7GT	NOS	CBS-Hytron logo. USA NOS. Tested/guaranteed.	OB/WB	31.00 10 @ 29.00
6SN7GT	NOS	Mullard, logo, UK. NOS. Rare. If available approximately GBP 175 wholesale price.	OB/WB	POA
6SN7GT	NOS	RCA logo USA. NOS. Some are 1950s silver print.	Mostly OB	32.00 8 @ 30.00
6SN7GT	NOS	RCA logo USA NOS tested & guaranteed. Grey smoked glass.	OB/WB	45.00 8 @ 40.00
6SN7GT	NOS	Russian NOS guaranteed. These are Sovtek style (grey anode, clear top). At the time of writing we have some Sovtek logo, some OTK logo & some plain print.	OB/WB	12.00 Bulk @ POA

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
6SN7GT	NOS	Sylvania "Bad boy" version. Bad boy has: □ 3 holes in the black T anode (most people agree that 2 hole version is acceptable). □ Top mica with 3 small triangular edges, bent down, on each side. □ Date code 1xx, 2xx or 3xx, meaning 1951, 1952, 1953. □ Full-size black base with green Sylvania or JAN CHS logo. □ Copper grid posts. Shiny rectangular mica. Guide price GBP60 wholesale.	OB/WB	POA
6SN7GT	NOS	Tung-Sol logo. Genuine USA made NOS, but not round plates.	OB/WB	31
6SN7GT	NOS	Tung-Sol logo in silver on black. Round plate USA NOS. Black glass 1940s made. Guide price GBP275 wholesale. Please enquire.	OB/WB	POA
6SN7GT	NOS	USA NOS, National Union. Logo, tested. Guarantee.	WB	42.5
6SN7GT	NOS	USA NOS with logo and guarantee. 8 x Kenrad. Sets of 2 identical appearance.	OB/WB	42.00 8 @ 40.00
6SN7GT	NOS	All USA made. NOS tested, clean. Guaranteed with logo. In sets of 2 or more. GE, Raytheon & Sylvania.	OB/WB	28.00 Bulk @ POA
6SN7GT	GRADE 1	Brimar logo UK. Sets of 2 pieces, identical appearance. Tested as Grade 1. 80 percent emission, good appearance, not new appearance. Guaranteed. Clear glass version.	G1 Box	110.00 8 @ 90.00
6SN7GT	USED	Brimar logo / KB-FE, UK made. Used, tested and guaranteed. Clear glass. 2 of the same appearance, but not a matched pair electrically.	WB	80.00 4 @ 65.00 8 @ 55.00
6SN7GT	USED	Brimar logo / KB-FE, UK made. Used, tested and guaranteed. Black glass. 2 of the same appearance & slightly similar test figures (emission etc) but not a matched pair.	WB	150
6SN7GT	USED	RCA logo USA. Tested as used, not new but emission is 65 percent plus. Grey smoked glass.	WB	25.00 4 @ 20.00
6SN7GT	USED	Telefunken originals logo. 1 only used. Tests around 75 percent emission. Guaranteed with logo. Not new but decent appearance. Near offers considered.	WB	1 @ 145.00
6SN7GT	USED	All USA made. Used, test at 65-75 percent emission, clean. Guaranteed with logo. In sets of 2 or more. 8 x GE, 12 x Raytheon, 8 x Sylvania, 4 x Tung-Sol USA.	WB	14.00 Bulk @ POA
6SN7GT / 6N7GT	NOS	Russian, OTK logo. NOS, vintage with guarantee. Similar to 6SN7GT. 6SN7 and 6N7 both octal base. 6N7 has only one cathode. Data 6SN7 = Vf = 6.3V, If = 600 mA, Va = 250V, Ia = 10 mA, gm = 2.6mA/V, Pa = 2.5W. 6N7GT = Vf = 6.3V, If = 800 mA, Va = 250V, Ia = 3 mA, gm = 1.5mA/V, Pa = 5.5W. More data for both types www.tubedata.org Please note that these are 6N7 not 6SN7.	OB	4.00 5 @ 2.50 100 @ 1.75 200 @ 1.20 1,500 @ 1.00
6SN7GTA	NOS	RCA NOS. Currently out of stock, please enquire.	OB	POA
6SN7GTA	NOS	GE, Raytheon, 16 Sylvania & 8 Westinghouse with logo. Made in USA. NOS, tested, clean. Guaranteed. Full size base. In sets of 2, possibly 4 or 8 of the same appearance.	OB/WB	27.00 8 @ 25.00 24 @ 23.00
6SN7GTA	NOS	Telefunken original logo. Made in West Germany. 1 only NOS. Tested as new. Guaranteed. Only 2 in stock today, but a chance of another one arriving soon.	WB	325.00
6SN7GTA	USED	USA made. Used, test at 65-75 percent emission. Guaranteed with logo. In sets of 2 or more. Not new but decent appearance. 12 Sylvania, 24 Westinghouse, 12 GE, 16 RCA.	WB	12.00 64 @ 10.00
6SN7GT / VT231	NOS	USA VT231. NOS with logo and guarantee. 6 Raytheon & 6 RCA.	OB/WB	62.00 6 @ 60.00 12 @ 58.00
6SN7GT / VT231	NOS	USA made NOS Sylvania.VT231. Please ask about VT231 National Union & Tung-Sol.	WB	52.00 4 @ 50.00
6SN7GT / VT231	NOS	USA NOS, Kenrad VT231. Logo, tested. Guarantee.	WB	140.00 4 @ 125.00
6SN7GT / VT231	NOS	USA NOS, National Union, when available. Might be approximately GBP140.00 if available.	OB/WB	POA
6SN7GT / VT231	NOS	USA VT231. NOS with logo, guarantee. Tung-Sol, L round anode.	OB/WB	275
6SN7GT / VT231	NOS	USA Sylvania VT231. NOS. Green logo, Bad Boy construction.	WB	100.00 4 @ 90.00
6SN7GT / VT231	USED	Kenrad USA made. Test only 50 percent emission.	WB	60
6SN7GT / VT231	USED	Sylvania USA. VT231. Tested.	WB	26

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6SN7GT / VT231	USED	USA including Sylvania. VT231.green logo "bad boy" construction. Used, test around 65-75 percent emission.	WB	50
6SN7GTB	NOS	GE, Sylvania, Raytheon, Westinghouse, NOS with logo. Most full size base. In sets of 2 or more of the same appearance. 2 or more tall size, 2 or more shorter, 2 or more grey anode, 2 or more black anode etc	OB/WB	28.00 12 @ 25.00 30 @ 24.00
6SN7GTB	NOS	Raytheon USA, Tung-Sol & Westinghouse. All USA NOS with logo, except Toshiba Japan. All tested with logo/guaranteed.	Mostly OB	28
6SN7GTB	NOS	Raytheon logo. Made in Japan by Toshiba. Grey anode. NOS, tested, clean. Guaranteed.	OB/WB	32.00 4 @ 31.00
6SN7GTB	NOS	Raytheon logo. Made in Japan by Hitachi. Black anode. NOS, tested, clean. Guaranteed.	OB/WB	32.00 4 @ 31.00
6SN7GTB	NOS	RCA logo. USA NOS. Tested/guaranteed.	OB	30.00 8 @ 27.00 100 @ 26.00
6SN7GTB	NOS	Tung-Sol logo. Made in USA. NOS, tested, clean. Guaranteed.	OB/WB	25
6SN7GTB	GRADE 1	RCA logo. USA. 6SN7GT/ 6SN7GTB. Grade One. Guarantee.	G1 Box	22.00 Bulk @ POA
6SN7GTB	GRADE 1	Sylvania. Westinghouse etc. Grade One. Tested, logo, guarantee.	G1 Box	18
6SN7GTB	USED	RCA logo. USA. Used, tested, decent appearance. Guaranteed. Enquire about bulk quantities.	WB	12.00 36 @ 9.50
6SN7GTB	USED	All USA made. Used, test at 65-75 percent emission, clean. Guaranteed with logo. In sets of 2 or more. 12 GE and 6 or more of each of the following: Raytheon, Sylvania, Tung-Sol, Westinghouse.	WB	12.00 36 @ 10.00 Bulk @ POA
6SN7GTY	NOS	Please refer to 6SN7GT.		
6SN7W	NOS	Sylvania-JAN. USA NOS. Black base. 2 look the same. NOS and tested.	OB/WB	105
6SN7W	NOS	Sylvania USA with logo. NOS. Metal base. Guide price GBP150.00.	Most GB	POA
6SN7WGTA	NOS	Sylvania. NOS. 4 pieces. Tested with logo.	OB/WB	48.00 4 @ 35.00
6SN7WGTA	USED	Raytheon, Sylvania, Tung-Sol. 2 pieces of each. Tested with logo. Used but test and look near new.	WB	24.00 6 @ 18.00
6SN7WGT	NOS	Sylvania yellow logo, light brown base, black anode. Tested. Estimate 1960s made. Original box slightly scruffy. Sylvania Military grade, black plates. 4 pieces same appearance. Matched pair maybe possible.	OB	45.00 4 @ 40.00
6SN7W / 6SN7A	GRADE 1	These are 6SN7A metal base. Equivalent to 6SN7W. Sylvania logo USA made. Estimated 1940s or 1950s made. Grade one, meaning test near new, decent appearance, but not new appearance.		110
6SN7W	GRADE 1	Sylvania, GE or similar USA made. Black/brown base. Grade one meaning good used. Tested approximate 80 percent emission. Decent appearance. We might find 2 pieces that look the same or 2 pieces with similar electrical current.	G1 Box	80.00 2 @ 75.00
6SN7W	NOS	Sylvania, GE or similar USA made. Black/brown base. Used, decent appearance, tested around 65 percent emission. We might find 2 pieces that look the same, or 2 pieces with similar electrical current.	WB	55.00 4 @ 50.00
6SQ7	NOS	USA NOS.	OB/WB	6
6SQ7	NOS	China new. Clean and guaranteed.	OB/WB	4.00 30 @ 3.00
6SQ7GT	NOS	Japanese NOS. Most ITT, few Raytheon. 6SQ7GT is similar to half an ECC83. 6SQ7GT is 2 diodes and single triode with octal base. ECC83 is a B9A base double triode.	OB/GVT	7.00 4 @ 6.00 50 @ 4.00
6SR7	NOS	25 RCA, 6 Kenrad, 10 Sylvania & 100 other USA brands. USA NOS Guaranteed. Data tubedata.itchurch	Mostly OB	3.00 10 @ 2.40 100 @ 2.00
6SR7	NOS	Made in West Europe or USA, NOS. We have good quantities in stock. Please enquire.	Most OB	POA
6SS7	NOS	RCA USA NOS. Black metal.	GVT	3.50 20 @ 3.00
6SU7GT	NOS	Tung-Sol logo USA NOS round plate. Usually available at GBP40 wholesale.	OB/WB	POA
6T4	NOS	Hewlett/Tung-Sol. UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	3.00 Bulk @ POA
6U4GT	NOS	Brimar or mixed. UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	3.00 Bulk @ POA

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6U4GT	NOS	Made in USA. NOS. Good quantities in actual physical stock. Please enquire.	OB/WB	40 @ POA
6U5G	NOS	West European 8 pin version. The USA made 6 pin version is a higher price.	OB/WB	16
6U7G	NOS	Sylvania USA NOS. ST shape. RF pentode with possible audio applications.	OB/WB	4.00 21 @ 3.20 300 @ 3.00
6U8A	NOS	Telefunken logo <> NOS.	OB	32.00 4 @ 28.00
6U8A	NOS	10 x GE, 10 x RCA and 10 x Westinghouse USA manufacture. Quantities correct at January 2025.	OB/GVT	5.00 50 @ 4.60
6U8A	USED	Telefunken logo <> tested, guaranteed.	WB	24.00 5 @ 20.00
6U8A / ECF82	NOS	Tungsrn made in Hungary. Useful audio tube. Data on request. Many have colourful OB. This tube replaces 7199 by fitting an adapter. We can advise you suppliers of adapters.	OB/WB	6.00 20 @ 5.25
6U8A / PCF806	NOS	These are PCF806 Mullard or Mazda logo UK NOS. Good quality triode pentode. These PCF806 are partly similar to ECF82 / 6U8A, similar data for low voltage operation but different pinout. A useful potential audio type as the two sections are independent, but they are relatively low volts, 160 volts gives 2 watts of power, so they're ideal for a headphone amp. Data www.r-type.org/exhib/aii0100.htm	OB	5.00 10 @ 4.00 100 @ 3.00 400 @ 2.50
6V3A	NOS	West European/North American brands including Sylvania, GE, GEC.	OB	3
6V6	NOS	USA NOS with logo, black metal. RCA, Ken-Rad, Sylvania etc. In sets of 2 pieces of the same appearance.	OB/WB	16.00 10 @ POA
6V6	GRADE 1	USA test as grade one. Black metal. In sets of 2 pieces of the same appearance. Kenrad, RCA, GE, Raytheon, other USA brands. Matched pairs may be possible. Do not look new but look decent and guaranteed.	G1 Box	11.00 16 @ 8.00 30 @ 5.50
6V6	USED	RCA logo and other USA. Black metal. Used not new appearance but tested and guarantee.	OB/GVT	8.00 10 @ 6.50 32 @ 5.50
6V6	NOS	Please refer to 6F6G near equivalent.		
6V6G	NOS	Brimar logo. UK made. NOS. Shouldered shape. Sets of 2 pieces identical appearance.	OB/GB	70.00 4 @ 42.00
6V6G	NOS	GEC UK made NOS. Grey glass. 4 pieces the same appearance. Shouldered shape.	OB/GB	70
6V6G	NOS	Fivre made. NOS. Made in Italy using RCA tools and RCA collaboration. Brown base, grey glass. When available 37.50 GBP.	WB	POA
6V6G	NOS	Mullard UK NOS, with logo. Tested and guaranteed. Not in sets of 2 pieces identical appearance, ie singles.	WB	52
6V6G	NOS	RCA SYLV or other USA /Canada made NOS. Tested and guaranteed. In sets of 2 pieces identical appearance.	WB	35
6V6G	GRADE 1	Brimar/Westinghouse/Cossor and others. Tested as Grade One.	G1 Box	POA
6V6G	GRADE 1	Mullard UK with logo. Tested and guaranteed. Not in sets of 2 pieces identical appearance, ie singles. Good appearance, 80 percent emission.	G1 Box	40
6V6G	USED	Brimar UK made. These are used, tested and guaranteed.	WB	35
6V6G	USED	French made. These are used, tested and guaranteed.	WB	20.00 4 @ 16.00
6V6G	USED	USA or Canada made. Used, tested and guaranteed. Singles, no 2 pieces are the same appearance. Therefore the price is reduced.	WB	POA
6V6G	NOS	Please refer to 6F6G for a similar item/near equivalent.		
6V6G	NOS	Please see KT74 for possible alternative, not equivalent.		
6V6GT	NOS	BILLINGTON GOLD. New tested guaranteed. USA.	OB	POA
6V6GT	NOS	Brimar logo, UK NOS, sets of 2 pieces identical appearance. Black glass. Tested guaranteed.	OB/WB	37.50 4 @ 35.00 16 @ 33.00
6V6GT	NOS	Brimar logo, Russian made NOS. Tested, guaranteed, all look the same.	OB	12.50 20 @ 11.50
6V6GT	NOS	Hytron or CBS, USA NOS. When available are GBP28 wholesale.	OB/WB	POA
6V6GT	NOS	Japanese made NOS. Sets of 2 pieces of the same appearance & same brand.	WB	17.00 8 @ 15.00

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
6V6GT	NOS	Ken-Rad USA NOS. Black glass. Estimate 1950s made. Set of 8 pieces of the same appearance.	WB	30.00 16 @ 26.00
6V6GT	NOS	Mullard logo, UK NOS. Mixed appearance.	OB/WB	50
6V6GT	NOS	National Union, USA made NOS. Tested, logo and guarantee. Sets of 2 the same.	OB/WB	28.00 4 @ 26.00
6V6GT	NOS	RCA, USA. NOS. RCA silver logo, 1950s made. Smoked glass, black plates.	WB	28.00 Bulk @ POA
6V6GT	NOS	Russian made 6P6S 6П6C NOS.	OB/WB	11 8 @ 10.00 90 @ 8.00
6V6GT	NOS	Sylvania logo USA NOS.	OB/WB	23.00 32 @ 20.00
6V6GT	NOS	Tung-Sol logo, vintage made. USA NOS. When available are GBP8.00 wholesale.	OB/WB	POA
6V6GT	NOS	Please refer to 6AQ5 or 6005. These 3 valves are electrically equivalent except 6V6GT is octal base, 6AQ5 is B7G base.		
6V6GT	NOS	Please refer to 6F6GT for a possible alternative, not equivalent item.		
6V6GT	GRADE 1	Brimar logo, UK. Sets of 2 pieces identical appearance. Black glass. Tested & guaranteed as Grade 1.	G1 Box	22.00 4 @ 21.00 16 @ 20.00
6V6GT	USED	Tested guaranteed. USA made, with logo. Sets of 2 or 4 pieces identical appearance. Decent quality, but small cracks in the base hence reduced price. Brands include, Kenrad, Raytheon, Tung-Sol, others. All British USA made.	WB	7.00 Bulk @ POA
6V6GT	USED	GE, Westinghouse, Raytheon and Sylvania. Plus mixed brands liked Delco, Zenith & Philco etc. All USA made, tested/guaranteed. None of these make sets of 2 of the same appearance, hence the low price.	WB	7.00 Bulk @ POA
6V6GT / 6P1	NOS	These are 6P1 Chinese, new guaranteed. They are near equivalent to 6V6GT except 6P1 has B9A base whereas 6V6GT has octal base. Deduct 25p if you accept with egg crate / bulk pack instead of WB.	BP	2.2
6V6GT / 6761	NOS	These are 6761 B9A pentode by Eriksson Sweden. Gold pin logo NOS tested guaranteed. 6761 are fairly similar to 6V6GT but have different base. Data: http://tubedata.philipse.info/ if you have difficulty please contact our office. Short data: Vf 6.3, If 1A(100mA), Va 140v, Ik 70mA, S 12mA/v, Pa 10W. 25 pieces in stock. 400 pieces available from our supplier.	OB	5.25 400 POA
6V6GTA	NOS	USA made, NOS tested guaranteed, GE logo. Ex-military. 25 pieces the same appearance. These have thin, coin base, also known as nude base.	OB	22
6V6GTA	NOS	USA made, NOS tested guaranteed, RCA logo. Ex-military. 40 pieces the same appearance. Thin base.	OB	22.00 8 @ 20.00 40 @ 17.00
6V6GTY	NOS	RCA logo USA NOS. Sets of 4 pieces of the same appearance. Clear glass. Ask re larger quantity.	Most OB	28.00 4 @ 27.00
6W4GT	NOS	Audio rectifier, made in USA or West Europe. NOS with logo. In sets of 4 or 8 more pieces of identical brand / construction. Data: http://tubedata.philipse.info/ if you have difficulty please contact our office.	OB/WB	2.5
6W6GT / 6DG6GT	NOS	Sylvania, Tung-Sol, RCA, Westinghouse. Audio tube, USA made NOS with logo. In sets of 4 or 8 more pieces of identical construction.	OB/WB	3.00 8 @ 2.20 100 @ 2.00
6X4	NOS	Brimar logo, UK NOS. Black glass.	WB	32
6X4	NOS	Brimar yellow "T" label, UK NOS. Tested new - black anode. Ring getter, triple mica.	OB/WB	100
6X4	NOS	GEC UK NOS. GEC sticker or logo. O getter. Some are CV4005 print. 2 or 3 different constructions.		63
6X4	NOS	GEC sticker or Marconi logo. UK. NOS square / D getter.	GVT	66
6X4	NOS	GEC sticker UK NOS. CV4005 ring getter, black anode.	GB	62
6X4	NOS	MWT Marconi logo. UK. NOS. Square / D getter. Black anode.	OB/WB	60
6X4	NOS	MWT Marconi logo. UK. NOS. Grey anode. O getter. More than 4 pieces may exist.	OB/WB	62
6X4	NOS	USA or Japan NOS. No Chinese, no USSR, no UK. Circle getter. Includes Mazda Japan.	OB/WB	5
6X4	NOS	USA specials. USA NOS with logo, tested guaranteed, D getter.	Most OB	15

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
6X4	NOS	USA NOS with logo, tested guaranteed, O getter. Raytheon, Sylvania, Westinghouse, Mazda. We will supply 5 pieces of the same brand, but the appearance is mixed, which is why they are cheap.	Most OB	5.00 20 @ 4.50
6X4	NOS	USA specials. USA NOS with logo, tested guaranteed. D getter. 8 x Raytheon & 30 x RCA.	GB/WB	15.00 30 @ 13.00
6X4	NOS	Various brands, special quality, some new, some used. All tested working. Some black anode, some D getter, some triple mica. 1 or 2 of each: Mullard UK, STC UK 3 mica, Mazda France, RT France, Ser Sweden, Osram, Marconi / MWT Italy.	OB/WB	POA
6X4	NOS	Various brands USA NOS with logo, tested guaranteed. 24 Westinghouse, 16 Sylvania, 24 RCA & 10 Tung-Sol.	GB/WB	15.00 6 @ 14.00 24 @ 13.00 50 @ 12.00
6X4	GRADE 1	GEC sticker, square getter. Tests new but fairly small stains, decent appearance.	G1 Box	45
6X4	GRADE 1	GEC Grade One. GEC sticker or MWT-Marconi logo UK. Possibly some D getter, some 3 mica & some U78.	G1 Box	55
6X4	GRADE 1	GEC / Marconi UK. Circle getter. Tests new but small stains, decent appearance. We also have NOS GEC & Mullard at a higher price.	G1 Box	45
6X4	GRADE 1	USA, Japan with logo, tested as Grade 1. Guaranteed, O getter. 10 pieces each of Sylvania, RCA, GE & Brimar foreign. We will supply 5 pieces of the same brand but the appearance is mixed, hence why they are cheap.	WB	4.00 15 @ 3.50 50 @ 3.50
6X4	GRADE 1	USA with logo, D getter. Tested as Grade 1.	Most OB	15
6X4	GRADE 1	USA specials. USA with logo, tested guaranteed. G1 appearance. D getter. 30 x Sylvania, 20 x Raytheon, 20 x RCA.	GB/WB	12.00 20 @ 11.00 40 @ 10.00 70 @ 9.00
6X4	USED	Test used, look new. Tested working and guaranteed. Most look new. D getter. 16 x Sylvania, 10 x Raytheon, 70 x RCA.	GB/WB	8.00 10 @ 7.00 70 @ 5.50
6X4	NOS	Please refer to 6X5GT for a very similar item with octal base (6X4 has a B9A base).		
6X4 / 6Z4	NOS	Chinese made. New tested guaranteed. These are 6Z4 B7G base. They are similar to 6X4 USA but 6X4 USA has pin 5 not connected, pin 6 is anode 2, pin 7 is cathode. 6Z4 Chinese made has, pin 5 cathode, pin 6 unconnected, pin 7 anode 2. 6Z4 are a bargain price, good quality alternative to 6X4 with different pinout.	WB	3
6X4 / EZ90	NOS	Brimar logo, UK. NOS.	Most OB	30.00 4 @ 25.00 20 @ 20.00
6X4 / EZ90	NOS	Mullard logo, UK. NOS.	Most OB	30
6X4 / GZ41	NOS	These are GZ41 NOS, Philips Miniwatt, or RTC made in Holland. Full wave rectifier. These GZ41 are similar to 6X4, but GZ41 heater is 5 V at 750mA. We have sockets in stock to fit GZ41 - B8A Rimlock. Data in English from our office.	Most OB	7.00 4 @ 6.00 100 @ 5.00 300 @ 4.00
6X4 / EZ90	GRADE 1	10 pieces Brimar logo UK, 5 pieces Mullard, logo UK. Tested as Grade 1 (used but tested 80 percent emission, decent appearance, good print etc). Most are D getter.	G1 Box	22.00 10 @ 18.00
6X5G	NOS	MOV UK / Mullard UK NOS. Sometimes available.	OB/WB	120
6X5G	NOS	USA. NOS. Shouldered ST shape. Please enquire about brands. Tested/guaranteed. Higher price for d-getter, black anode etc.	OB/WB	50
6X5G	GRADE 1	6 MOV UK, 4 Mullard UK Grade 1.	G1 Box	75.00 4 @ 70.00 10 @ 65.00
6X5G	USED	MOV UK or Mullard UK. Used, tested.	WB	60
6X5GT	NOS	Bendix made, sometimes available. Price approx. GBP 95.00		POA
6X5GT	NOS	Brimar logo, Russian. NOS, clean, uniform guaranteed. GT shape glass. Octal full wave rectifier [double diode]. Similar to EZ81 and 6X4 but different base. Data Vf 6.3V, If 600 mA, Va 325V, Ik 70 mA. Data www.tubedata.org	OB/WB	6.00 50 @ 5.00
6X5GT	NOS	Brimar logo, UK NOS. GT shape. Enquire re bulk quantity.	OB/WB	21.00
6X5GT	NOS	USA NOS with logo tested guaranteed. GT shape glass. Audio full wave rectifier. Similar to EZ81 but octal base. Good quantities of RCA black anode, Sylvania chrome top, GE, KenRad, Tung-Sol and maybe 1 or 2 Fivre.	Most OB	15.00 24 @ 10.00 30 @ POA

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
6X5GT	NOS	Russian Scoba logo. NOS, clean, uniform guaranteed. GT shape. Octal full wave rectifier [double diode]. Similar to EZ81and 6X4 but different base. Data: Vf 6.3V, If 600 mA, Va 325V, Ik 70 mA.	GVT	4.50
6X5GT / 6X5WGT	NOS	These are all 6X5WGT Raytheon, Sylvania or Tung-Sol USA made. NOS with logo. Tested, guaranteed.	OB/WB	22.00 8 @ POA
6X5GT / EZ35	USED	Mullard logo. Used, not new appearance, but tested with good print and decent appearance. Made in Blackburn UK. These EZ35 / 6X5GT are a fantastic rectifier. Most are D getter.	WB	25.00
6X5GT / EZ35	USED	Brimar logo. Used, not new appearance, but tested with good print and decent appearance. Made in UK.	WB	10.00
6X5GT / CV574	Grade 1	KB/FE STC Brimar logo, UK. Brown base. Grade 1, test nearly NOS but slight signs of usage, eg light stains inside the glass.	G1 box	15.00 10 @ 12.00 30 @ POA
6X5GT / EZ35	NOS	Mullard logo. Used, not new appearance, but tested with good print and decent appearance. Made in Blackburn UK. These EZ35 / 6X5GT are a fantastic rectifier. Some are D getter.	WB	50.00
6X5GT	G1	Brimar logo. UK made, test as Grade One. Clean, guaranteed. GT shape glass. Octal full wave rectifier [double diode] but different base.	G1 Box	15.00 10 @ 13.00 30 @ POA
6X5GT / EZ35	USED	Mullard logo. Used, not new appearance, but tested with good print and decent appearance. Made in Blackburn UK. These EZ35 / 6X5GT are a fantastic rectifier. Most are D getter.	WB	25.00
6X5GT / EZ35	USED	Brimar logo. Used, not new appearance, but tested with good print and decent appearance. Made in UK.	WB	10
6X6	NOS	CBS USA NOS. Octal base, magic eye tube. Similar to European made 6E5GT (octal-base 6E5) also similar to Y63 and Y65 eyes work too. Very rare to find originals 6X6 like this.	OB/WB	50.00 4 @ 40.00
6Y6G	NOS	USA NOS. GE, Sylvania, Kenrad. This octal audio pentode has similarities to 8417.	OB/WB	5.00 5 @ 4.50 60 @ 4.00
6Y6G	GRADE 1	Various brands USA manufacture. Grade One.	G1 Box	3.5
6Y6GA	NOS	USA NOS.	Most GB	3.50 30 @ 3.00
6Y6GT GE	NOS	GE. USA. NOS. This octal audio pentode has similarities to 8417.	Most OB	6.00 4 @ 4.00 60 @ 3.00
6Z19	NOS	These are Chinese 6Z19. They are believed equivalent to EY81. B9A base. This TV rectifier can rectify lower voltages in power-supplies for audio equipment. Data sheet on request. Please add 0.25GBP per tube if white box required.	BP	2.00 10 @ 1.50 200 @ 1.00
6Zh2B-V / 6Jk25-B	NOS	Mint condition. A wire ended, sub miniature pentode, Russian. Photo/free sample on request. On our computer as 6*26B.	GVT/WB	4.00 50 @ 2.00
7A5	NOS	UK/USA NOS. Good quantities in actual physical stock. Please enquire.	Most OB	2.5
7A6	NOS	UK/USA NOS. Good quantities in actual physical stock. Please enquire.	Most OB	2.50
7B7	NOS	USA / UK brands NOS.	OB/WB	16.00 5 @ 15.00
7C5	NOS	USA brands NOS. Near equivalent to 6V6GT but different base. 7C5 is loctal base.	OB/WB	7.00 20 @ 6.00 50 @ 5.00
7D10	NOS	Please refer to 6CH6.		
7F8	NOS	Audio double triode, SOME similarities to 6SN7GT, but 7F8 has loctal base. USA (NOS). Data: http://tubedata.philipse.info/ if you have difficulty please contact our office	OB/WB	7
7H4B	NOS	Current regulator resistor ballast tube. Automatic current regulator. It's a reliable current regulating device, which can maintain a constant current in a circuit over a very wide range of input voltages. The resistance of the element automatically increases or decreases depending on the change of temperature in the unit. This maintains a very accurate current level. USA NOS including Amperite.		

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
7H4B	NOS	Westinghouse, RCA, GE, Sylvania – USA. NOS with logo. Data: Vf=250V, If=9.5mA, Screen=250V, Anode Impedance=0.8m, gm=4.2mA/V, grid=-30V. Sockets to fit from stock.	OB/BP	3.00 8 @ 1.66 400 @ 1.30
7H7	NOS	Sylvania, USA .Batch tested and guaranteed. Similar to 6SN7GT but 7H7 have loctal 8 pin base and variable MU. An audio type with sockets to fit in stock. Data https://frank.pocnet.net/sheets72.html	BP	4.50 20 @ 3.75 100 @ 3.30
7J7	NOS	Sylvania USA. Audio type.	OB/WB	4
7N7	NOS	Sylvania/ other USA. Tall bottle version.	OB/WB	60
7N7	NOS	USA NOS. Equivalent to 6SN7GT but 7N7 has loctal B8G base.	OB/WB	10
7R7	NOS	Sylvania or another USA made with logo. NOS. Data www.r-type.org website.	OB/WB	4.00 30 @ 2.50
7S7	NOS	Sylvania, USA with logo. NOS. Clean and guaranteed. An audio type with sockets to fit in stock. Data: r-type.org website.	GVT	4.00 10 @ 3.00 30 @ 2.80
7V7	NOS	Sylvania, USA with logo. NOS, pentode, loctal base, loctal sockets in stock. Equivalent to 7T7 and 7AG7. Data: r-type.org website.	OB/WB	4.00 20 @ 3.00 50 @ 2.50
7Y4 / EZ81	NOS	These are 7Y4 Audio rectifier. Sylvania logo. USA NOS guaranteed. 7Y4 is similar to 6X4 and EZ81 but different base. Socket to fit this tube, 89LW, in stock. Data: http://tubedata.philipse.info/ if you have difficulty please contact our office.	OB/WB	3.00 50 @ 2.50
7Z4	NOS	Sylvania USA with logo, full wave rectifier NOS. Data on the r-type.org website.	GVT	2.40 25 @ 2.00
8D3	NOS	UK/USA NOS. Good quantities in actual physical stock. Please enquire.	Most OB	POA
8FQ7	NOS	GE, USA and Hitachi Japan. NOS. The only difference between 6CG7/ 6FQ7 and 8FQ7 is that 8FQ7 has 8 volt heater, 6CG7 is 6 volt.	OB	3.00 100 @ 2.00
9AU7	NOS	RCA USA NOS partly similar to ECC82. Limited quantity.	Most OB	2.5
9M602	NOS	Toshiba. New guaranteed. Equivalent to 9M61.	OB	150
10	GRADE 1	USA made audio triode. Raytheon logo engraved in the base. 2 the same appearance. Used, but clean and test as Grade 1. Guaranteed.	G1 Box	46.00 2 @ 45.00
10F1	NOS	Mazda. West European.	Most OB	3.50 80 @ 2.50
10P14	NOS	Mazda & other West European.	OB	10.00 10 @ 8.00
10 / 10Y	NOS	USA made NOS. Audio triode with some similarities to 2A3. Availability varies.	OB/WB	100
10 / 10Y	NOS	USA made NOS. VT25 Western Electric, ceramic base. Availability varies.	OB/WB	225
10 / 210	NOS	These are 210 NOS, made in West Europe or USA. Branded Europa. UX4 base audio triode. Globe shape. Black single plate. 1930's made. NOS tested guaranteed. Equivalent to UX-210 and 10Y.	OB	280
10 / 210	NOS	Balloon shape. These are type 10 NOS, made in USA. 1 Cunningham, 1 Radiotron. Clean Grade One, might be NOS. Sold at Grade One price. Estimated 1930's made. Tested guaranteed. Equivalent to UX-210 and 10Y.	G1 Box	150.00 2 @ 145.00
11E2	NOS	ITT/STC UK. A potential audio type.	GVT/WB	20.00
11E3 CV73	NOS	CV73 STC UK & other UK brands. NOS. Audio tetrode. Near equivalent to PEN46, KT44. Many similarities to KT66 (not equivalent). Sockets to fit, usually from stock.	GVT	20.00 12 @ 15.00 100 @ 12.00
11E3/CV73		11E3/CV73 is equivalent to PEN46/VT127 and KT44. All the above are 4v heaters, B7 base and anode top cap. They're all similar to KT66 but KT66 is 6V heater octal base.	GVT	POA
11E3	NOS	Please refer to KT88 / 11E3.		
11E4	NOS	UK/USA NOS. Good quantities in actual physical stock. Please enquire.	Most OB	POA
12A	NOS	USA brands, NOS.	GVT	30
12A6	NOS	Audio pentode partly similar to 6V6. NOS with logo, black metal. RCA, Adzam/Mazda etc, made in USA or West Europe. Matched pairs possible. Data: http://tubedata.philipse.info/ if you have difficulty please contact our office.	Most GVT	3.00 10 @ 2.50 100 @ 2.00

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
12A8GT	NOS	USA NOS.	OB/WB	3.00 10 @ 2.40
12AB5	NOS	USA NOS. Guaranteed. GE, Westinghouse, Sylvania & RCA. Suitable for audio applications.	OB/WB	6.60 10 @ 6.00 50 @ 5.60
12AD7	NOS	RCA and other USA. NOS. similar to 12AX, not equivalent.	Most OB	40
12AH7GT	NOS	Kenrad x 100, RCA x 100 and 100 other USA NOS. Octal twin triode. Similar to ECC82 but octal base & different pin out. 10 years ago we built a pre-amplifier using this valve which gave a beautiful sound! Data http://www.r-type.org/exhib/abo0132.htm	Most GB	3.25 20 @ 3.00 100 @ 2.50 300 @ 2.25
12AQ5	NOS	USA, NOS. Sylvania military box. NOS, guaranteed. 12 volt version of 6AQ5 / EL90.	OB/GB	6.00 10 @ 5.50
12AT7	NOS	Please refer to ECC81 .		
12AT7	NOS	Please refer to ECC91 , which is a possible alternative, not equivalent. 12AT7 is B9A base, ECC91 is B7G base. Free data available.		
12AT7 / CV5212	NOS	Gold pin.		
12AU6	NOS	RCA logo, USA NOS. Audio pentode suitable for many audio applications including microphones, pentode audio preamp, SE amp in triode mode etc.	OB	3.00 10 @ 2.40 200 @ 2.00
12AU7	NOS	Refer to 12AH7GT Tung-Sol USA NOS. Octal twin triode. Similar to ECC82 but octal base & different pin out. Data http://www.r-type.org/exhib/abo0132.htm		
12AU7	NOS	Refer to CV4034 Brimar/Mullard, flying lead version. Bargain prices!		
12AU7	NOS	Please refer to ECC82 .		
12AV7	NOS	RCA & other USA. NOS. Please refer to 5965.	OB/WB	POA
12AV7	NOS	Please refer to 5965 .		
12AX3	NOS	50 Westinghouse and 50 Raytheon USA. NOS.	OB/WB	3.00 50 @ 2.40 100 @ 2.00
12AX3	NOS	RCA, GE, Raytheon and Sylvania. USA. NOS.	OB/WB	3.00 16 @ 2.50
12AX7	NOS	Please refer to ECC83 .		
12AY7	NOS	Tesla Slovakia. JJ logo. New, tested/guaranteed.	OB	16.50
12AY7 / 6072A	NOS	Japan NOS. If available.	OB/WB	18.00
12AY7 / 6072A	NOS	Russian NOS tested guaranteed. 10 pieces in stock.	OB/WB	10.00
12AY7 / 6072/A	NOS	USA, NOS, ring getter. Sets of 2 pieces the same brand and same appearance. At the time of writing, we had GE 4 pieces. USA NOS ring getter	OB/WB	62.00 4 @ 60.00
12AY7 / 6072/A	NOS	USA, NOS, circle getter. Singles, not sets of 2 pieces same appearance.	OB/WB	52.00 4 @ 50.00
12AY7 / 6072A	NOS	USA, NOS. D getter. Most have black anode. At the time of writing, we have 4 pieces Tungsol NOS D getter and black anode	OB/WB	87.50
12AY7 / 6072/A	NOS	USA. NOS. Triple mica. 2 pieces look the same. GBP 150 wholesale if available.	OB/WB	105.00
12AY7 / 6072/A	NOS	USA. NOS. Triple mica. Singles, not sets of 2 the same appearance.	OB/WB	102.00
12AY7 / 6072/A	USED	USA with circle getter. Used, tested.	BP	30.00
12AY7 / 6072	USED	GE 5 star logo. Used but test strong, over 65 percent emission.	BP	70.00 8 @ 45.00
12AY7 / 6072	USED	Raytheon 6072, red Raytheon logo. Black plate. Made in USA. Triple mica. Used and test 50-60 percent emission. This is below normal "approved standard", but still useful for many applications. Due to low emission, a bargain price. Perfect NOS would sell around GBP150.	BP	50.00 10 @ 40.00
12AY7	NOS	Please refer to 6072 for more stock. 6072 has different heater to 6072.	OB/WB	POA
12AY7	NOS	Please refer to 6072/A .		
12AZ7A	NOS	USA and Japan NOS, with logo. 4 or 5 different brands, including RCA, Sylvania & Westinghouse. 10 or 20 of each brand. Rare item. Sorry, no discount possible.	Most OB	8.50 4 @ 7.00 50 @ 6.75
12B4A	NOS	Audio driver tube. Westinghouse, Mazda, Raytheon. Japanese or USA made. NOS, tested guaranteed with logo.	Most OB	6.00 12 @ 5.00 30 @ 4.00
12B4A	NOS	Audio driver tube. 24 Westinghouse, 40 Raytheon, 12 RCA & 12 Sylvania. All USA, NOS, tested guaranteed with logo.	Mostly OB	6
12B4A	USED	Raytheon logo, USA, tested, guarantee with logos.	WB	4.50 20 @ 3.00

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12BA6	NOS	20 or 30 of each brand. NOS. USA, Japan or East Europe.	OB/WB	7.00 16 @ 6.00 100 @ 5.50
12BA7	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	3.00 Bulk @ POA
12BD6	NOS	RCA USA and Elevam Electronics, Japan.	OB/WB	2.50 30 @ 2.30
12BE6	NOS	All NOS: RCA USA, Telefunken Germany, Mullard UK, Brimar UK & Fivre Italy. 1 or 2 of each brand.	OB/WB	10
12BH7	NOS	Brimar logo UK NOS. Black anode plate. 2 pieces of the same appearance. Test as NOS and guaranteed.	OB/WB	4 @ 90.00 each
12BH7	NOS	NOS: USA Westinghouse, Sylvania, etc.	OB/WB	26.50 20 @ 25.50
12BH7	NOS	Sylvania, GE, RCA, Tung-Sol. D getter. NOS.	Mostly OB	30.00 8 @ 27.00
12BH7	GRADE 1	Brimar logo UK. Black anode plate. 2 pieces of the same appearance. Test as used and guaranteed.	WB	2 @ 75.00
12BH7	USED	Brimar logo UK. Around 70% emission. Black anode plate. 2 pieces of the same appearance. Test as used and guaranteed.	WB	30.00 2 @ 50.00
12BH7	USED	GE, RCA. D getter. Used. Tested.	WB	12
12BH7 / A	NOS	8 pieces RCA, 12 pieces Sylvania & a small quantity of GE, Raytheon, Westinghouse. USA. NOS. O getter. Tested and guaranteed.	Most OB	27.50 8 @ 22.00 20 @ 20.00
12BH7 / A	NOS	New guaranteed, tested. 26 x Chinese.	WB	14
12BH7 / A	NOS	8 pieces GE & a small quantity of Sylvania, Raytheon & Westinghouse, USA. Tested and guaranteed. D getter. NOS. Sets of 2 pieces same appearance.	OB/WB	35.00 8 @ 30.00
12BH7 / A	NOS	Westinghouse, Mazda or Raytheon, Japanese made NOS. Tested and guaranteed. In sets of 4 pieces identical (same brand & appearance).	Most OB	24.00 20 @ 16.00
12BH7 / A	GRADE 1	GE, RCA, Sylvania and Raytheon, USA made with logo. Tested as Grade One.	G1 Box	15
12BH7 / A	USED	GE, RCA, Sylvania and Raytheon, USA / Canada with logo. Used and not new appearance but tested and guaranteed	BP	8.00 10 @ 7.00 60 @ 6.00
12BH7 / A	USED	GE, RCA, Sylvania and Raytheon, USA with logo. D getter. Grey anode. Used and not new appearance but tested and guaranteed.	BP	12.00 8 @ 10.00 16 @ POA
12BH7 / A	USED	Japan, Mazda, Westinghouse and Raytheon. Used but decent appearance, tested and guaranteed.	BP	10.00 8 @ 8.00 16 @ POA
12BY7A	NOS	Japan NOS. 12 Mazda, 12 Westinghouse & 12 Raytheon. Tested and guaranteed with logo.	Most OB	13.00 12 @ 12.00 36.00 @ 11.00
12BY7A	NOS	NOS. O getter. Approx 30 pieces each brand: RCA USA, GE USA & Westinghouse USA. Tested, guaranteed, with logo.	Most OB	13.00 30 @ 11.50 90 @ 10.00
12BY7A	NOS	NOS. D getter. 12 pieces each brand: GE, USA, Sylvania USA. Tested, guaranteed.	OB/WB	18.00 24 @ 12.00
12BY7A	GRADE 1	40 pieces each brand: RCA USA, GE USA, Sylvania USA, Westinghouse Japan. Test as Grade One, with logo. Decent appearance but small stains in glass. Has similarities to EL84. Many of them test nearly new, or look nearly new. Data EL84: Vf=6.3V, If=760mA, Va=300V, Ik=65mA, S=11mA/V, Pa=12W. 12BY7A: Vf=12.6V, If=300mA, Va=250V, Ik=25mA, S=12mA/V, Pa=6W. 12BY7A	G1 Box	9.00 10 @ 6.00 200 @ 5.00
12BY7A	USED	USA made, 50 each brand: RCA, Sylvania, Raytheon & Westinghouse. Used tested clean with logo. Data http://tubedata.itchurch.org/sheets11.html	OB/WB	5.00 20 @ 4.50 200 @ 4.00
12BZ7	NOS	NOS 12BZ7 is near equivalent to 12AX7 audio tube. RCA and Raytheon, both with logo.	OB	12
12BZ7	USED	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	3.00 Bulk @ POA
12C8GT	NOS	Fivre sticker, metal base made in Italy. A diode-pentode tube. The pentode section that produces a rich, musical tone with excellent clarity and detail. Fivre NOS and guaranteed. Made in Italy.	WB	3.00 10 @ 2.50 75 @ 2.00
12CG7	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	3.00 Bulk @ POA
12DW7	NOS	Please refer to 7247 equivalent.		POA
12E1	NOS	GEC sticker, UK. NOS, tested. Possibly GBP50 if available.	OB	POA
12E1	NOS	GEC sticker, UK. NOS, tested. 2 pieces in stock at time of writing.	OB	60.00

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PLEASE ADD 50% RETAIL SURCHARGE FOR ORDERS UNDER GBP240.

TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
12E1	NOS	STC / ITT UK. NOS Tested. Logo. 12E1 has some similarities to KT88 but 12E1 has a top cap and other differences. 10 years ago our agent built a 12E1 amplifier, it produced great classic audio sound. Circuit diagram of the amplifier available on request.	OB	23.00 10 @ 16.00 75 @ 15.00
12E1	NOS	Mazda logo or Ediswan logo. Many are D getter. UK NOS. KB/E or KB/EN military stamp. NOS. Tested, guaranteed. 12E1 has some similarities to KT88 but 12E1 has a top cap. Available free data & sheet showing how to rewire base 12E1- KT88. 10 years ago our agent built a 12E1 amplifier, it produced great classic audio sound.	Most GB	35.00 10 @ 32.00
12E1	GRADE 1	GEC sticker, UK. Tests as Grade One. Decent appearance, not new appearance.	G1 Box	45
12E1	GRADE 1	STC/ITT logo, UK. Tests as Grade One. Info re audio application, in the STC (NOS) section, above.	OB	17.50 10 @ 14.00
12E1	USED	Mazda / Ediswan logo, UK made. Used not new appearance but test approximately 70 percent emission with guarantee.	WB	15.00 16 @ 14.00
12E14	NOS	Please refer to S11E12 exact equivalent. Very near equivalent to CV4060.		
12EK6	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	3.00 Bulk @ POA
12F8	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	3.00 Bulk @ POA
12FK6	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	5.00 Bulk @ POA
12GN7 / 12HG7	NOS	USA. NOS with logo. B9A audio type audio pentode.	Most OB	6.00 12 @ 4.80 100 @ 4.50
12HG7	NOS	Please refer to 12GN7 .		
12J5	NOS	Heintz logo, we think these are Sylvania USA made with logo. Black metal.	WB	5.00 20 @ 3.50
12J5GT	NOS	Mullard UK NOS. Some are VT135 high quality military grade.	OB/WB	8.00 16 @ 6.00
12J5GT	NOS	RCA, Sylvania and other USA NOS. Some are VT135 high quality military grade. Print styles are mixed, hence the very low price! NOS guaranteed.	OB/WB	6.00 8 @ 5.00 50 @ POA
12K8GT	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	3.00 Bulk @ POA
12K8Y	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	3.00 Bulk @ POA
12SA7	NOS	USA, NOS. Black metal. We have 12SA7GT at higher price.	OB/WB	5
12SA7GT	NOS	USA, brands including Hytron, Westinghouse, Raytheon NOS. Glass GT tube.	OB/WB	5.00 10 @ 4.25 30 @ 3.50 100 @ POA
12SC7	NOS	Large quantity of Marconi & Kenrad. Small quantity of other Canada/USA. Potential audio type. NOS clean and guaranteed. Data: Vf=12.6V, If=150ma, Va=250V, Ik=2ma, S=1.2ma/V	OB/GVT	2.3
12SG7	NOS	Audio preamp tube. GE JAN logo USA NOS. Black metal. 600 pieces all identical. Super low price audio pentode. Data on request.	GVT	4 30 @ 3.00 600 @ 2.50
12SH7	NOS	RCA or Kenrad. Logo USA. Black metal. New, unused.	OB/WB	3.00 20 @ 2.40 80 @ 1.80
12SJ7	NOS	USA, NOS, Black Metal. Most RCA.	OB/GVT	5.00 20 @ 2.50 90 @ 2.00
12SJ7GT	NOS	West European / North American brands if available. USA NOS.	OB/WB	7.50 10 @ 4.00 100 @ POA
12SK7	NOS	USA, NOS. Black metal. RCA red logo.	RCA red OB	3.75 5 @ 3.00 500 @ 2.50
12SL7GT	NOS	USA NOS. 6 RCA & 4 GE, 10 mixed brands.	OB/WB	6.00 20 @ 5.00
12SL7GT	NOS	Fivre, Brimar, Mullard NOS. Made in UK or Italy.	WB	34.00
12SL7GT	NOS	Please see 5755 for B9A based near equivalent.		
12SN7GT	NOS	Mullard UK NOS & Fivre, Italy. NOS. Small quantity maybe available.	WB	POA
12SN7GT	NOS	Tests like NOS, but crack in the base. Small quantity of: RCA, Tung-Sol, Sylvania USA with logo.	Most WB	11.00 50 @ 9.00
12SN7GT	NOS	Tung-Sol, Sylvania, GE, Hytron & Westinghouse, USA. NOS with logo.	Most OB	11.00
12SN7GT	GRADE 1	Mix of Sylvania, Raytheon, Kenrad, etc. USA NOS with logo. Sets of 2 identical. Tested Grade One.	G1 Box	POA
12SQ7	NOS	RCA, Westinghouse and GE, USA. NOS. Black metal.		10
12SQ7GT	NOS	Few pieces usually in stock.		10
12SW7	NOS	RCA or mixed. UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	3.00 Bulk @ POA
12SW7	USED	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	3.00 Bulk @ POA

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
12SX7GT	NOS	12 GE, 12 Westinghouse. USA NOS with logo. Audio type.	Most OB	15.00 24 @ 12.50
12SX7GT	NOS	RCA USA NOS with logo. Audio type.	Most OB	25.00 12 @ 20.00
12W4GT	NOS	Japanese manufacture.	BP	3.50 20 @ 2.50 100 @ 2.00
12X4	NOS	RCA logo USA, NOS.	OB	6.00 3 @ 5.00 50 @ 4.50
12Y4	NOS	Marconi. NOS. 1940s vintage. Canadian made. A dual diode/signal tube similar to 6AL5 except that it has 12 volt heater and B5 base. Data www.radiomuseum.org/tubes/tube_12y4.html Sockets for these are in stock. Attractive and colourful.	OB	3.50 10 @ 2.20 300 @ 1.80
13CW4	NOS	Sylvania USA nuvistor tube. Looks new but tests as used, guaranteed. Suits Neumann U-47 microphone. If available approx GBP20 wholesale.	GB	POA
13D1	USED	STC/ Brimar UK. Partly similar to 6SN7GT. USED, tested, guaranteed. Guide price GBP12 wholesale.	WB	POA
13D9 / ECC801S	NOS	These are 13D9 Brimar logo UK made, NOS, black anode. Similar to ECC81 / ECC801S. Many consider the higher anode current to be an advantage. Same pin out as ECC81.	Most OB	12.5
130	NOS	Mazda / Ediswan logo, UK NOS.	GVT	120.00
130	NOS	STC / ITT logo, UK NOS. Socket from stock. Supply the 13E1 heater from a 12.6V tapping on the heater transformer. Large beautiful dome shape. A watt anode dissipation pentode, which wired as a triode can provide 50 watts push pull class A, operation at 500 volts. Best known as a PP triode audio amplifier by Morgan Jones. Data: http://tubedata.philipse.info/ if you have difficulty please contact our office.	OB/GVT	110.00 4 @ POA
13E1	GRADE 1	Mazda UK, tested around 80 percent emission. 2 pieces look the same and test the same. Very rare item.	G1 Box	75.00 2 @ 70.00
13E1	USED	2 STC, 4 Mazda & 1 EEV. UK made. Used, tested, guaranteed with logo. They look decent, but they do not look new.	WB	48.00 6 @ 45.00
14GW8	NOS	Exact equivalent to PCL86 .		
19AQ5	NOS	Brimar logo UK. NOS. Similar 6AQ5/ EL90 but different heater.	OB	3.00 100 @ 2.00
19H1	NOS	Ediswan UK rectifier. Equivalent to CV121 and possible alternative, not equivalent to U19. Potential audio type.	GVT	4.80 100 @ POA
19H1	NOS	Equivalent to CV121 and similar to U19 .		
19H1	NOS	Mazda.	OB/WB	4.8
19H4	NOS	Please refer to U19/ 19H4 near the back of this catalogue for prices and availability.	OB	
19H5	NOS	STC logo, UK made NOS blue logo printed. CV490. These 19H5 have some similarities to U19.	OB	15.00 2 @ 13.00 100 @ 11.00
20P4	NOS	Mazda. West European. With logo. Audio pentode.	OB/WB	4.00 50 @ 3.00
20P5	NOS	Ediswan/ Elpico/ Mazda West European manufacture. Potential audio use, circuit available.	OB/WB	3
21KA6	NOS	GE, RCA plus a few other USA NOS. TV horizontal deflection amplifier tube that also suits audio applications.	OB/WB	8.00 20 @ 7.00
24 / 224	NOS	Shoulder shape. USA brands. NOS. RCA etc.	OB/WB	6.00 16 @ 5.00
24 / 224	NOS	Balloon shape. USA brands. NOS. 1 or 2 pieces.	OB/WB	15
25A6G	NOS	West European/North American brands, including Brimar.	OB/WB	3
25BQ6GT	NOS	Hallicrafters USA	OB	48 @ POA
25L6G / KT32	NOS	These are KT32 MWT/GEC UK NOS. Audio type. Shoulder shape. Equivalent to 25L6G.	OB	9.00 10 @ 8.00 180 @ 7.00
25L6GT	NOS	NOS. Audio type. 80 pieces in total. USA made RCA, Sylvania, Hytron, Tung-Sol. UK made. Brimar. About 10 pieces of each brand.	OB/WB	3.00 80 @ 2.75
25T	NOS	HK24 USA NOS.	Most OB	42
25W4GT	NOS	400 Sylvania. Audio rectifier, made in USA. NOS Data: http://tubedata.philipse.info/ if you have difficulty please contact our office.	OB/WB	3.00 8 @ 2.00 400 @ 1.70

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
25Z6GT	NOS	100 RCA, 1900 National Union USA, all with logo. All are NOS clean, uniform appearance and guaranteed. Octal base, half-wave rectifier/double diode. Data: Vf=25V, If=300mA, Va=235V, Ik=150mA. This is a fantastic low cost alternative, not equivalent to rectifiers like 5V4G, GZ32 and GZ37 which wholesale around GBP25.00 each.	GVT	2.00 10 @ 1.00 2000 @ 0.75
26	NOS	Balloon shape. Equivalent to 226, UX226, UY226 etc. USA brands. NOS. Audio triode, similar to 2A3 but lower power. Vade mecum data https://tubedata.altanatubes.com.br/vademecum0.html	OB/WB	32.00 4 @ 28.00 8 @ 26.00
26	NOS	USA. NOS.	OB/WB	23.00
26	NOS	USA NOS. Balloon shape.	OB/WB	27.00
26	NOS	USA ST/bottle shape.	OB/WB	17.00
26	USED	USA used tested. Balloon shape.	OB/WB	14.00
26	USED	USA used tested. ST/Coke bottle shape.	OB/WB	8.00
26-4A	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	POA
26A7GT	NOS	RCA logo USA NOS. Potential audio type. Double beam power output tube.	OB	9.00 10 @ 5.00 75 @ 4.50 175 @ POA
26E6	NOS	Tung-Sol logo USA. NOS. Beam pentode / power amplifier. Shock proof, 25v heater. Looks like 5898.	OB/WB	6.00 10 @ 5.00
26E6	NOS	USA NOS. Balloon shape.	OB/WB	27.00
26Z5W	NOS	Tung-Sol USA made. NOS.	OB/WB	15.00
27	NOS	Balloon shape. Equivalent to 227. USA brands. NOS. UX5 base, 2.5v heater audio triode, similar to 2A3 but lower power.	OB/WB	32.00 4 @ 28.00 8 @ 26.00
27	NOS	Shoulder shape. USA NOS. RCA, Sylvania and other new USA made. In sets of 2 of same brand same appearance.	OB/WB	8 @ 19.00 20 @ POA
27 / 227	GRADE 1	Balloon shape. Test as Grade 1. RCA, Sylvania and other USA made. UX5 base, 2.5v heater audio triode, similar to 2A3 but lower power. In sets of 2 of the same brand or 2 of the same appearance. Used but clean and test over 80 percent emission.	G1 Box	22.00 8 @ 16.00 20 @ POA
27	GRADE 1	Shoulder shape. Test as Grade 1. Approx GBP6 wholesale. If available...	G1 Box	POA
27 / 227	USED	Balloon shape. Used but test 65 percent or more emission. RCA, Sylvania and other USA made. In sets of 2 of the same brand or 2 of the same appearance.		16.00 8 @ 13.00 20 @ POA
28D7	NOS	Sylvania logo USA. NOS. Clean, tested and guaranteed. A potential audio pentode. Suit battery operated amplifier or headphone amp. Loctal base. Sockets to fit in stock. Data Vf=28V, If=400mA, Va=28V, Ik=12mA, Pa=1W.	Most OB	4.00 10 @ 2.20 50 @ 1.80 150 @ 1.50
29C1 / CV430	NOS	ITT / STC NOS. A voltage regulation diode vintage. British made. Near offers considered. Data: http://tubedata.philipse.info/ if you have difficulty please contact our office. Data: Vf=4,0V, If=800mA, Va=100V, Ik=3mA	GVT	11.00 500 @ 8.00
30	NOS	Audio triode, UX4 base. USA NOS. RCA etc.	OB/WB	18
30C15	NOS	Mazda logo, UK NOS. Data www.r-type.org/exhib/aai0122.htm	OB/WB	1.00 300 @ POA
30C17	NOS	Mazda logo, UK NOS. Data www.r-type.org/exhib/aai0122.htm	OB	1
30FL2	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	POA
31E-50576L	NOS	12 inch circular screen CRT suits vintage TV hobby. Cathode ray tube by Brimar Rank UK NOS. 8 inch neck.	OB	40.00 8 @ 32.00
33	NOS	Sylvania logo, USA NOS. UX5 audio pentode.	OB/WB	5.00 30 @ 4.50
33A-101K	NOS	Brimar logo, UK NOS with black anode.	OB	25
33A-158M	NOS	STC logo UK. NOS tested. Guaranteed. Audio type. Loctal sockets to fit are in stock.	WB	28.00 8 @ 26.00
33A-158M	USED	STC logo UK. Used, tested. Guaranteed. Audio type. Loctal sockets to fit are in stock.	WB	10.00 8 @ 8.00
35-51	NOS	USA NOS, ST shape, several in stock.	OB/WB	4
35-51	NOS	USA NOS, balloon shape.	OB/WB	16
35-51	NOS	USA NOS. RCA, Sylvania & Westinghouse.	OB/WB	4.00 20 @ 3.00
35A3	NOS	Sicte Italy/other brands.	OB/WB	5.00 10 @ 3.00 100 @ 2.00

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
35L6GT	NOS	NOS RCA, Sylvania and Westinghouse with logo. Supplied in sets of 4 pieces identical.	OB/WB	5.00 50 @ 4.00
35T / EEV	NOS	GEC UK NOS. USA brands may exist at same price. NOS, audio triode. Sockets in stock. Data: Vf=5.0V, If=4000mA, Va=1500V, Ik=150mA, Pa=35W.	GVT/WB	50.00 12 @ 45.00
35X4	NOS	Sicte brand made in Italy. These 35SX4 are thought to be equivalent to 35X4 (partly like 6X4 but have a 35v heater).	OB/WB	6.00 20 @ 5.00
35X4	NOS	USA. NOS. These 35X4 are partly like 6X4 but have a 35v heater. GBP4.00 wholesale price if available.	OB	3.00
35Z3	NOS	Sylvania USA. Glass, GT shape. Nice NOS 1950s vintage USA made. A rectifier often seen in AC/DC radio high voltage supplies.	OB/WB	2.20 100 @ 1.50
35Z5GT	NOS	Haltron logo, believed to be USA made, NOS. Clean and guaranteed. Octal base, half-wave rectifier.	OB	7.00 50 @ 5.50
36KD6	NOS	Please refer to 40KD6 equivalent. 40KD6 NOS and tested. USA / Japan.	WB/OB	20.00 10 @ 16.00
37	NOS	Balloon shape. USA made. NOS.	Most GVT	20
37	NOS	Shoulder shape. USA made. NOS. Audio triode, many say it sounds better than its "brother", RCA type 76. Data www.r-type.org/exhib/abh0246.htm	OB/WB	13
37	USED	Balloon shape. USA made test as used. Guaranteed. Data http://tubedata.itchurch.org/sheets22.html	WB	10
37	USED	Shoulder shape. USA brands. Used. Tested.	WB	3
6L6G / 38	NOS	These are type 38, audio pentode. USA NOS. Type 38, is UX5 base with similarities to 6L6G, not equivalent.	OB / WB	POA
39-44	NOS	USA NOS, with logo. 20 Sylvania, 20 Tung-Sol, 20 Western Electric, 20 RCA USA.	OB/WB	4.00 80 @ 2.50
40KD6	NOS	Mixed brands: UK, USA & Japan. Partly similar to PL519, but not equivalent.	OB/WB	16.00 10 @ 15.00
40KG6	NOS	Equivalent to PL509 and PL519 .		
41	NOS	USA NOS, most ST coke bottle shape. A few GT shape. 10 pieces of each brand. GE, RCA, Sylvania, Kenrad, National Union, groups of the same appearance.	OB/WB	13.00 50 @ 11.00
41MP	NOS	Cossor UK NOS - 2 pieces of the same appearance.	OB/WB	125.00 2 @ 120.00
41MP	NOS	Cossor UK NOS - 4 pieces, singles. Not 2 of the same appearance.	OB/WB	115.00 4 @ 100.00
41MPX	NOS	UK brands. 2 the same appearance.	OB	125
41MXP	NOS	UK brands including MOV and Cossor, or near equivalent like PA1 CV1122 ACP1, 41MXP, LL4, O54V PA1.	OB/WB	180
42	USED	USA, used, tested, balloon shape. 1 only.	WB	20
42 / EL33	NOS	These are type 42 tubes with UX6 base. You can buy adaptors on eBay to convert type 42 into type EL33/KT61. Type 42 UK made, Brimar logo. 30 pieces all same appearance. NOS. Tested.	OB/WB	15.00 8 @ 12.00 30 @ 11.00
42 / EL33	GRADE 1	These are type 42 tubes with UX6 base. You can buy adaptors on eBay, to convert type 42 into type EL33/KT61. West European/ USA made Brimar, Sylvania etc. With logo, NOS. Tests as Grade One.	G1 Box	10.00 12 @ 7.00
43	NOS	RCA, Sylvania, Westinghouse, and other USA NOS. Tested with logo.	OB/WB	6.00 10 @ 5.00
43IU	NOS	Cossor logo, UK. Antique fat shape. NOS. Tested and guaranteed. Audio rectifier. Data http://www.r-type.org/exhib/aai0288.htm	OB	60
43IU	GRADE 1	Cossor. Test as Grade One. Details similar to 43IU NOS, above.	G1 Box	45
43IU	GRADE 1	Cossor. UK made. Grade One. UK made. Please enquire for price.	OB/WB	Stock
43IU	USED	Cossor. Used, tested, guaranteed. Similar to 43IU NOS, above.	WB	30
45	NOS	USA made NOS. Tested & guaranteed. When available.	WB	POA
45	NOS	USA made NOS. Tested & guaranteed. Singles, not sets of 2 of same appearance.	WB	65.00 5 @ 60.00
45	NOS	USA, balloon shape. When available approx GBP200 wholesale new, GBP100 used.	GB	POA
45	USED	Philco USA made tests 65-75 percent emission and guaranteed. Decent appearance.	WB	47

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
45 / VT52	NOS	These VT52 are USA made special quality equivalent to 45. Western Electric brand, GBP150 wholesale price if available.	OB/WB	POA
45 / VT52	GRADE 1	These VT52 are USA made special quality equivalent to 45. Brands include Sylvania, Hytron & National Union. Test as Grade 1 meaning around 80 percent emission, not new appearance but decent appearance.	G1 Box	90
46	NOS	Mix brand, if available.	WB	20
47	NOS	Shoulder shape, USA, NOS. Tested.	OB/WB	18.00 8 @ 17.00 16 @ 16.00
47	NOS	Balloon shape, 1 or 2 pieces. USA. Tested.	WB	28.00 10 @ POA
47	USED	Balloon shape, 1 or 2 pieces. USA. Used, tested.	WB	14
47	USED	Shoulder shape, USA. Used, tested.	WB	8.00 5 @ 7.00
50	USED	Sylvania logo USA. Large shoulder shape. Audio triode. Tests as used, decent appearance. 1 only.	WB	90
50C5	NOS	B7G Audio pentode. USA NOS. GE, Westinghouse, Brimar plus mixed.	WB/OB	7.5
50C5 / B7G	NOS	Audio pentode. USA NOS. Deltron brand made Japan or other non-European country. Would suit radio or audio application. Very cheap price. Data: https://frank.pocnet.net/sheets5.html	WB/OB	4.00 10 @ 3.00 40 @ 2.00 300 @ 1.50
50CA10	NOS	When available. 50CA10.	WB	POA
50CA10	NOS	NOS Chinese. Tested, guaranteed. Shuguang produced. Ultra-rare. Suits Luxman models MQ-60, MQ-68 and SQ38FD. 50CA10 is a triode with 50V heater and Pa 30W. 1 only.	WB	50
50CA10	NOS	NOS made in Japan. Tested, guaranteed. Ultra-rare. 1 only.	WB	100
50CA10	USED	Used but clean appearance, made in Japan. Tested, guaranteed. Ultra-rare. 2 pieces look the same.	WB	70.00 2 @ 60.00
50CD6G	NOS	Brimar UK audio tube, partly similar to EL34 + 807, but 50CD6G is bargain price due to 50v heater. 50CD6G is an octal base pentode / beam tetrode. Brimar logo UK NOS. PDF data: http://www.r-type.org/exhib/aad0184.htm	OB/WB	6.00 50 @ 4.80
50EH5	NOS	RCA, USA NOS with acid etch and RCA logo. Audio type with data available.	OB	4.00 20 @ 3.00
50L6GT	NOS	NOS RCA, Sylvania and Westinghouse with logo. Supplied in sets of 4 pieces identical.	OB/WB	5.00 50 @ 4.00
50R5GT	NOS	Mix. NOS. Guarantee. (Offers invited).	OB/WB	3.00 50 @ 2.00
52KU	NOS	UK (NOS), when available. Expensive.	OB	POA
53KU / CV378	NOS	Cossor yellow logo. UK NOS. Antique fat shape. Very rare, 3 in stock.	GB	300
53KU / CV378	USED	Cossor yellow logo. UK NOS. Thin shouldered shape, similar to Mullard GZ37. Test as used. Looks decent, does not look new. Guaranteed. Many test near NOS, but the spigot was broken, and repaired with a black plastic piece. The repair is invisible when the valve is in equipment. A good quality item, sold at used price due to the spigot repair.	WB	40
53KU	Grade 1	Cossor, UK NOS. Antique fat shape. Rare! Test like new. Very clean. Hard to decide if it's new or grade 1. Sold at grade one price. 1 only.	G1 Box	180
54KU	NOS	UK with Cossor logo. Antique FAT shape. Rare and expensive.	GVT	60.00 2 @ 55.00
56	NOS	USA NOS, audio triode. As other entry for 56, but these are balloon shape.	OB/WB	15.00
56	NOS	USA NOS, audio triode. Brands include: Majestic, National Union, Raytheon & Sylvania. ST shape. Tested, guaranteed, with logo. Audio triode with some similarities to valve type 76. Supplied in sets of 2 pieces of the same appearance and same brand. Photos & pdf data http://www.r-type.org/exhib/aag0016.htm	OB/WB	10.00 10 @ 8.00 50 @ 5.00
57	NOS	USA (NOS). Various brands. Tested guaranteed, with logo.	OB/WB	10
59	NOS	USA made NOS, various brands.	OB/WB	12.00 10 @ 10.00
61BT	NOS	UK NOS. Data/photo http://www.r-type.org	OB/WB	9.00 20 @ 8.00
61SPT A	NOS	Cossor logo UK NOS. A screened pentode with high current rating. Data/photo http://www.r-type.org/exhib/aai0009.htm	OB/WB	10.00 20 @ 8.50

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
71A	NOS	USA NOS. Shoulder shape. 6 pieces, various brands.	OB/WB	32.00 6 @ 28.00
71A / 171A	NOS	USA NOS. Rare balloon shape. Sets of 2 pieces that look the same.	WB	60.00 2 @ 55.00
75	NOS	Various USA brands, NOS.	OB/WB	17.50 10 @ POA
75B1	NOS	CV284 Mullard, EEV, etc. Most have logos. UK NOS. Gas filled stabiliser valve. Some similarities to 85A2. Data http://frank.pocnet.net	OB/WB	3.00 400 @ 2.40
75C1	NOS	CV4080 Mullard, Most have logos. UK NOS. Gas filled stabiliser valve. Some similarities to 85A2. Data for these 75C1 at http://frank.pocnet.net	GVT	4.00 100 @ 3.20
76	NOS	USA NOS tested. Mixed brands. Suits pre-amps eg audio lab FF, Korneff.	OB/WB	14.00 4 @ 12.50 12 @ 11.00
76	GRADE 1	USA test as Grade 1. Tested. Looks used but decent.	G1 Box	11.00 8 @ 8.00
76	USED	Audio type. Mixed USA brands, used tested working, guaranteed.	WB	7.00 6 @ 5.00
77	NOS	Audio type. Various Union USA NOS.	OB/WB	6.00 10 @ 5.40
80	NOS	GT straight sided shape. Mixed West Europe / USA brands. Tung-Sol / RCA / GE, Brimar etc.	OB/WB	11.00 20 @ 10.00
80	NOS	Audio Type. National Union USA NOS. Rare military sticker on the glass. Antique audio type. All look the same.		40 @ 4.20
80	NOS	280 balloon shape, USA. NOS tested. Guarantee. 1 or 2 pieces. Wholesale price is approx GBP70 if available.	WB	POA
80 / 280	USED	USA eg RCA, Sylvania, Raytheon. Shouldered shape. Used tested guarantee.	WB	8.00 20 @ 6.00
80 / 280	USED	Low 80 balloon shape, USA used. Tests working, clean, guaranteed.	WB	35.00 4 @ POA
81 / 281	NOS	USA NOS with logo. Audio triode. Balloon shape, usually a few in stock.	OB/WB	45.00
81 / 281	NOS	Maybe labelled CX381 or 281. USA NOS ST shape. A few pieces.	OB/WB	16.00
81 / 281A	NOS	Western Electric 1930's made, balloon shape. when available. Guide price GBP 575.00	OB/WB	POA
82	NOS	USA NOS. Mixed USA brands. Tested guaranteed.	OB/WB	14.00 10 @ 12.00
83	NOS	USA NOS audio rectifier. Mixed USA brands. Tested guaranteed.		50.00 10 @ POA
83	GRADE 1	USA. Tested to Grade One standard, guaranteed. Not new appearance.	WB	25.00 10 @ POA
83	USED	USA. Used, tested, guaranteed. Not new appearance.	WB	17.00
83V	NOS	GE USA NOS. Audio rectifier.		22.00
83V	GRADE 1	Various USA brands. Tested to Grade one standard, Guaranteed.	G1 Box	11.00
83V	USED	Various USA brands. Used, tested, guaranteed.	WB	6.00
84	NOS	Westinghouse logo USA NOS. Equivalent to 6Z4. These are 84/6Z4 5 pin UX5 base. Data: http://tubedata.philipse.info/ if you have difficulty please contact our office. No relation to 6Z4 B7G base.	OB	5.00
85	NOS	USA made NOS, various brands.	OB/WB	4.00 10 @ 3.20
85A1	NOS	Mullard & other West European NOS. 30 pieces.	Most OB	5.00
85A2	NOS	Mullard West European made NOS guaranteed. A high voltage stabiliser. 115v striking voltage, 85v maintaining voltage. For a tube current variation of 1mA to 10mA the voltage regulation is 4volts. Audio tube.	BP or WB	3.50 4 @ 3.00 200 @ 2.40
85A2 / QS1202	NOS	EEV, UK CV4052. Potential audio item with similarities to 85A2. CV4052/QS1202 is a wire-ended gas regulator tube that regulates from 5 to 15mA at 108 volts DC. Data 108V DC, 210V striking total darkness, 133V striking in normal lighting. 15mA maximum tube current, 2mA minimum tube current. NOS clean and guarantee. EEV UK was part of GEC UK. These are QS1202, similar to 85a2 but not equivalent.	GVT	2.50 100 @ 2.00 500 @ 1.50
85A2	NOS	EEV UK made NOS. B7G base, potential audio.	OB	5.00 80 @ 4.00

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
85A2	NOS	West European made NOS. Tested, guaranteed. Most are Mullard. A high voltage stabiliser. 115v striking voltage, 85v maintaining voltage. For a tube current variation of 1mA to 10mA the voltage regulation is 4 volts. Useful to stabilise the voltage of an oscillator, or as a voltage reference for a stabilised supply. Data: Va=85V, Ik=5Ma.	WB	3.50 4 @ 3.00
85A2	NOS	USA made NOS with logo. Printed 5651WA. RCA, Raytheon, Sylvania etc.	OB/BP	2.50 50 @ 2.00
85A2 / 75B1	NOS	These are 75B1. CV284 EEV logo UK. NOS. Gas filled stabiliser valve. These 75B1 have some similarities to 85A2. Photo/data for 75 B1 and 85 A2 on the tubedata.itchurch website.	OB/WB	3.00 400 @ 2.40
90C1	NOS	West European made Mullard, Amperex and EEV. B7G base, potential audio. Va=90V, Ik=40mA. NOS, clean, uniform.	OB/WB	4.50 6 @ 2.00 150 @ 1.80
90CG	NOS	West European made. Valvo, Philips, Amperex and EEV. NOS.	OB/WB	10
90CV	NOS	West European made. Philips, Amperex and EEV. NOS.	OB/WB	16
92AV	NOS	Photocell, West European made. Valvo, Philips, Mullard etc. NOS.	OB/WB	33
100TH	NOS	EIMAC/ other USA, NOS. Tested Guaranteed. Audio triode.	OB/WB	60
DISPLAY ITEM 100TH	NOS	Eimac, USA. Most have logo. Very large tennis ball shape, 20 cms or 8 inches high. Unused, clean but failed test. An audio triode. Photographs on request.	OB/WB	10
112A	NOS	West European/North American brands.	GVT/WB	20
150B2	NOS	EEV, Brimar, Mullard, Philips & Valvo. West European manufacture. Equivalent to CV2225.	OB/WB	10
150B3 / CV287	NOS	GEC and EEV 1960s UK NOS. Some have GEC sticker. A 150 volt regulator tube designed for regulated voltage supplies. Data: http://tubedata.philipse.info/ if you have difficulty please contact our office.	Mostly GVT	5
150C2	NOS	Please refer to equivalent OA2 .		
150C3	NOS	Equivalent to VR150-30 .		
171A / 71A	NOS	USA NOS. Rare, when available.	OB/WB	Sh'lder 35.00 Balloon 60.00
185BT / 185BTA	NOS	Cossor logo UK NOS.	Most OB	18
205E / 4205E	NOS	STC UK NOS. 1 only. Ball shape. Ask us for a data sheet. Heater Voltage: 4.5V – AT 1.6A. It will be tested if you request it.	WB	250
210HF	NOS	UK, NOS UK equivalent to HL2.	WB	25
210HF	GRADE 1	Grade One UK, Test as Grade One. Equivalent to HL2.	G1 Box	19
203A	GRADE 1	Grade One RCA USA. Fair appearance, but does not look new therefore, sold as Grade One. This is tested with good print and guarantee. 203A has similarities to VT4C/211, but the 203A has a higher Mu reading. 1 only. Data https://frank.pocnet.net/sheets2.html	G1 Box	200
203A Display	NOS	USA, clean, antique and interesting item. Test fail. For display only. Appearance is partly similar to 211.	G1 Box	10.00 5 @ 8.00
205D / 1276	NOS	1 only Sylvania logo NOS type 1276. Tested guaranteed. 1276 is near equivalent to 205D. Suits Altec & WE Theater Amplifiers. 1276 operating characteristics when used as amplifier: Heater Voltage: 4.3V – 5V AT 1.6A. Anode voltage: 200V – 350V Grid Voltage: -10V to -25V. Anode current: 17 – 25 Ma. Zout: 3 – 4 K ohms, Mu: 6 – 7.5 Transconductance = 2000, Max Continuous anode: 15W 1276 is also similar to 2A3 but 4.5v heater.	WB	200
210	NOS	West European/North American brands. Balloon shape.	OB/WB	120
210LF	NOS	UK, NOS maybe a near equivalent to HL2.	OB/WB	24
210LF	USED	Used maybe a near equivalent to HL2.	OB/WB	12
210HF	GRADE 1	UK, Test as Grade One. Maybe a near equivalent HL2.	G1 Box	30
211	NOS	Chinese. New, tested, guaranteed.		60.00 No bulk
211	NOS	Cossor logo. Chinese manufacture. 3 months guarantee. Our supplier has acquired the right to use the Cossor trademark. Great looking tube!	Colourful OB	70.00 8 @ 67.50
211	NOS	GE USA NOS. If available, rough guide price GBP450.	OB/WB	POA

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
211 / CEP120 / 3C21	NOS	These are CEP120 audio triode. Equivalent to ZB120, 3C21. Similar to 211/ VT4C. Low distortion, zero bias Class B amplifier. Amplification factor 90, anode voltage of 750 - 1500v. Class B audio data: http://tubedata.philipse.info/ if you have difficulty please contact our office. Photo https://www.radiomuseum.org/tubes/tube_zb120.html We have 4 pieces NOS CUE120. United logo. USA NOS. 4 pieces. Amperex CEP120 logo USA NOS.	GB	POA
211 / UX-CV11	NOS	These are UX-CV11. United logo USA NOS. They are a 65 watt triode with a mu of 14 designed for full ratings to 30 MHz. Similar to a 211H. Max voltage = 1500, Max current = 150 ma, fil voltage = 10, Fil current = 2.5 amps. Data http://frank.pocnet.net/sheets2.html	OB/WB	125.00 2 @ 120.00 4 @ 100.00
211A	NOS	If used as Audio triode. Heater 3A @ 10V, anode 750 – 1000V, Grid: 30V: 65 Ma. Anode impedance: 3.5 K, Mu: 11 – 13. Anode: 65w.	OB/WB	POA
211 / 2J-211-H	NOS	These are Amperex 2J-211-H. USA made NOS with logo. * 2J-211-H is a possible alternative to 845, 211 or 805 * NOS clean tested guaranteed. Near offers considered. 2 pieces look the same. 2J-211-H seems to be direct equivalent of 8003.	OB	POA
212E	NOS	These are MZ2-200 Mullard, triode. Designed in the 1930s, a huge audio triode. Equivalent to Western Electric 212E and STC 4212E.	OB/WB	POA
215P / VR19	NOS	Cossor. Balloon shape. NOS.	GVT	15
215SG	NOS	Cossor UK manufacture NOS. These are wholesale prices. Please add 50 percent, if your order is below GBP240.	OB	11.00 6 @ 10.00
215SG	NOS	Cossor UK manufacture. Most test near new. Most are new but store soiled appearance. Sold as used item at used price.	WB	5.50 12 @ 5.00
218	USED	USA used, tested, decent appearance, guaranteed. www.radiomuseum.org/tubes/tube_cv2579.html Balloon shape 14amp rectifier. 15 inches / 38cms tall approx.	WB	30
220P	NOS	Includes equivalents VT20, 220P, CV1019, PM2, UK, NOS, Cossor logo. Balloon shape. Tested and guaranteed. Ask re bulk quantities.	OB/WB	25
227	NOS	Please refer to 27.		
231D	NOS	Western Electric logo in stock. Please enquire.	OB/WB	POA
249A	NOS	Western Electric logo in stock. Please enquire.	OB/WB	POA
250TH	NOS	250TH USA made NOS triode with lots of audio output power! Curves in the Vade Mecum or on duncanamps.com 2 Eimac logo & 2 united logo.	OB/WB	200.00 4 @ 175.00
250TH	USED	250TH USA made triode with lots of audio output power! Curves in the Vade Mecum or on duncanamps.com Some Eimac logo, some united logo. Please enquire re quantity.	OB/WB	100.00 5 @ 90.00
259A	NOS	Western Electric USA. Yellow logo on base.	GVT	26
262A	NOS	Western Electric yellow logo. USA NOS. Tested and guaranteed. One piece only. Near offers considered.	GVT	375.00
262B	NOS	Western Electric yellow logo. USA. Test as used but clean and guaranteed. One piece only. Near offers considered.	GVT	150.00
272A	NOS	Western Electric logo, USA NOS. Mesh plate manufacture. 1950s. Data in "75 years of WE" book.	GVT	1 @ 80.00
274A	NOS	Western Electric if ever available are GBP900 wholesale.	OB	POA
274B	NOS	Sylvania. New perfect. When available are GBP650 wholesale.	OB	POA
274B	NOS	Sylvania, USA. NOS, but getter reduced size. Tested as new, but the getter is reduced in size, therefore sold at half price.	GB	200.00 3 @ 180.00
274B	NOS	Western Electric. Yellow logo. USA. NOS. Black anode. Our rivals advertise these at GBP1300. Guide price is GBP800 wholesale.	OB	POA
274B	NOS	Chinese, NOS tested with guarantee.	WB	20.00 10 @ 17.50

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
274B / 596	NOS	These 596 United NOS USA are nearly identical to 274B, but far cheaper. Connect the side anode connector to the pins on the base, it can replace 274B by means of an adaptor. When available.	WB	POA
275A	NOS	Western Electric. When available...		POA
280	NOS	Refer to type 80. We usually have balloon shape 80/380.	GVT	Refer to 80 for prices
282A	NOS	Western Electric. When available...	GVT	POA
300B	NOS	BILLINGTON GOLD Chinese manufacture. From a special factory, NOT Psvane. Tested. 12 months guarantee. Supplied in matched pairs with individual test certificate. Great audio dynamics and long life. Gold Pin. White ceramic base.	Gold OB	83.00 166.00 per pair
300B	NOS	Cossor logo. Chinese manufacture. 3 months guarantee. White ceramic base. Gold pins. New & tested. Our supplier has acquired the right to use Cossor trademark. Great looking tube!	OB	72.00 10 @ 70.00
300B	NOS	JJ. When available.	OB/WB	POA
300B	NOS	Psvane Chinese manufacture. 3 months guarantee. Gold pin. White ceramic base. New and tested.	OB/WB	80
300B	NOS	Shuguang. Chinese manufacture. With guarantee. Good for audio long life and good reliability.	Most OB	65
300B	NOS	Western Electric, USA manufacture. When available.	OB	POA
300B	NOS	Please refer to C3M for a useful driver for the 300B. Audio edition 198, page 18.		
300B	NOS	Please refer to RK20 for alternative, not equivalent		
300B	USED look new	Chinese. These look new but test as used at approximately 60-90 percent emission. We probably have 40 pieces in stock. We might have at least the following: 16 x Shu-Guang 16 x Cossor Logo by Lin Lai 14 x Psvane	WB	35.00 6 @ 30.00 12 @ 28.00 40 @ 26.00
300B	USED	Chinese look new, test used. Unused but test result is around 65 percent emission so they are sold at used price. 3 months guarantee. Some Shuguang brown base, some Psvane white base.	WB	45.00 16 @ 42.00 30 @ 38.00
304H	NOS	Eimac. USA, NOS, Tested and Guaranteed. Offers invited. Data www.tubedata.org . Possible audio type. 2 pieces.	OB/WB	200.00 2 @ 190.00
304TH	NOS	Eimac. USA, NOS, Tested and Guaranteed. Estimated 1960s manufacture. Possible audio type. Sockets for this tube are made by Zhang in China.	GVT	175.00 3 @ 160.00
304TL	NOS	Eimac or other USA, NOS. Audio type. Data www.tubedata.org	Most GB	200.00 4 @ 180.00
304TL	USED	Eimac USA. Possible audio type. Used, tested, guaranteed. Decent appearance, but not new appearance. Sockets for this tube are available.	Most GB	75
307A	NOS	USA NOS.	OB/WB	POA
310A	NOS	Russian new. 4 pieces tested, guaranteed.	OB/WB	60
310A	NOS	Refer to 4328D alternative. 310A is UX6 BASE 10V heater. 4328D is octal, 7.5V heater.		
310A / 4328D	NOS	NOS STC logo UK. These are 4328D, similar to 310A. 4328D is octal base. 7.5 heater. 310A is UX6 base 10v heater. No other major differences.	GB	28.00 4 @ 25.00 40 @ 22.00
311A	NOS	Russian, NOS.	GVT	18.00 10 @ 15.00
316A	NOS	USA, NOS. Data www.tubedata.org Suits SE amplifiers, eg a 717A would drive a 316A, with 5670 cathode follower.	OB/WB	30
328A	NOS	Western Electric NOS.	WB	200
328A	NOS	Please refer to 4328A .		
329A	NOS	West German, used tested. Audio pentode similar to 310A. 311A is same as 329A except 311A is 10v heater. Sockets to fit in stock (7E2D).	WB	10
349A	NOS	Chatham and other USA. NOS. This Thyratron , with a top cap, anode cap is NOT equivalent to Western Electric 349A.	WB	60
350A	NOS	Western Electric USA. Logo, NOS. Offers considered. 1 only.	GVT	500
350A	NOS	Chinese. Shouldered shape. Tested, guaranteed.	OB/WB	18

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
350B	NOS	Made by Western Electric, but National Union logo. USA. NOS. D getter. Sometimes available.	WB	400
350B	GRADE 1	Made by Western Electric, but National Union logo. USA made, tested as Grade 1. A small glass rattle. Sometimes available.	G1 Box	190
354V	GRADE 1	NOS MOV. When available...	G1 Box	POA
367	NOS	NOS, guaranteed Philips. Data for item www.r-type.org/exhib/aby0014.htm This is NOT a photo of our stock.	GB	60
393A	NOS	Ferranti UK, Tung-Sol etc. UK/USA NOS. 4 pin Thyatron.	OB/WB	25.00 6 @ 22.00
399B	NOS	NOS genuine Western Electric audio tubes with logo.	OB/WB	10
400B	NOS	NOS genuine Western Electric audio tubes with logo.	OB/WB	10
401A	NOS	NOS genuine Western Electric audio tubes with logo.	OB/WB	10
403A	NOS	Western Electric logo in stock. Please enquire.	OB/WB	POA
403A	NOS	Western Electric audio tubes with logo, NOS, genuine.	OB/WB	20
403B	NOS	Western Electric. Please refer to EF95 / 403B W.E. for detail.	GVT	12
404A	NOS	Western Electric audio tubes with logo, NOS, genuine.	OB/WB	20
404A	USED	Western Electric audio tubes with logo. Used tested, clean genuine. Some printed F-52983.	OB/WB	12
404A	NOS	Refer to 5847 .		
407A	NOS	Western Electric logo, NOS. Double triode same as 2C51 / 396A but with a 20V filament.	OB/WB	20
407A	NOS	Equivalent to 2C51.		
407A / 5670	NOS	Western Electric logo, NOS. These are 407A WE, double triode same as 2C51 / 396A but with a 20V filament.	OB/WB	15.00 8 @ 10.00 16 @ 9.00
409A / 6AS6	NOS	Western Electric logo, NOS. These are 409 WE, same as 6AS6.	OB/WB	8.00 16 @ 6.50
409B	NOS	Western Electric audio tubes with logo. NOS and genuine.	OB/WB	8
415A	NOS	Western Electric hi-fi amplifier tubes. 1970s codes.	OB	17.50 8 @ 5.00
416A	NOS	Western Electric logo in stock. Please enquire.	OB/WB	POA
416B	NOS	Western Electric logo. 1 only. Gold plated.	OB/WB	35
417A	NOS	Western Electric NOS. Guide price, wholesale GBP80.	OB/WB	POA
417A	NOS	Exact equivalent to 5842 .		
417A	NOS	Please refer to E280F, similar but not equivalent. 417A are very rare, E280F are lower cost and more easily found.		
417A / 6S3P	NOS	These are 6S3P USSR NOS, similar to 417A. To the untrained eye, the printing on the glass looks like 6C3N. NOS guaranteed. Data for 6S3P at http://tubedata.philipse.info/ if you have difficulty please contact our office.	OB/WB	3
417A / PC86	NOS	These are PC86, East European. They have some similarities to 417A Western electric. Please refer to data below. These are PC86, pinnacle logo, Zaerix logo etc NOS Clean, guaranteed. This type suits audio tuners.	OB/BP	2.50 300 @ 1.20
417A / PTT141	NOS	These are PTT141 Thomson logo, NOS, made in France. Grey pin. Tested guarantee.	OB	20.00 4 @ 15.00
418A	NOS	Audio tube with clean Western Electric logo, test as used, look decent but not new. Tested and guaranteed. Enquire for quantity.	WB	25
420A	NOS	Western Electric. Use 5755 Raytheon exact equivalent.		
436A	NOS	GEC/Marconi with logo/sticker, UK, NOS, audio tube. These are A2674, exact equivalent to 436A. Triple mica OR gold pin OR D getter. Data www.r-type.org/exhib/aam0019.htm	OB	68.00 8 @ 58.00
436A	NOS	Western Electric logo. USA NOS. D getter. Audio tube. Exact equivalent to A2674. Data www.r-type.org/exhib/aam0019.htm	WB	125.00 4 @ 120.00
436A	GRADE 1	GEC logo, UK, Grade One. Audio tube, these are A2674, exact equivalent to 436A.	G1 Box	50.00 4 @ 45.00
436A	GRADE 1	Western Electric logo. USA D getter. Audio tube. Exact equivalent to A2674. Test As Grade 1 with small stains in glass and pins. Data www.r-type.org/exhib/aam0019.htm	WB	75.00 2 @ 70.00

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
437A	NOS	When available. Guide price GBP450 wholesale. Try these alternatives (not equivalent) EC8010, 3A-167M, 436A. The 436A pentode can be wired up as a triode, similar to 437A.	OB/WB	POA
446A	NOS	RCA / GE. USA. NOS.	OB/WB	7.50 10 @ 4.00
448A	NOS	Western Electric logo in stock. Please enquire.	OB/WB	POA
450TH	NOS	Eimac USA. Huge NOS audio output triode. Data in Vade Mecum or duncanamps.com. Please allow time for testing.	OB/WB	2 @ 140.00
450TH	NOS	450TL is a very similar item.		
450TL	NOS	NOS, probably made by Eimac USA, but has Hitronic logo. Huge NOS audio output triode. More than 30cm tall. Please allow time for testing. Data in Vade Mecum or duncanamps.com	OB/WB	2 @ 140.00
484LFU60A	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	POA
485	NOS	Audio tube. USA. NOS. Tested.	OB/WB	30
505	NOS	Philips. NOS. Balloon shape.	OB/WB	80
572B	NOS	Psvane China. Suits lower frequencies. With guarantee. Tested new.	OB	45
572B	NOS	Shuguang, China. New, tested guaranteed. Classic quality audio sound. Suitable for higher frequency and audio applications.	WB	45
572B	NOS	USA NOS. Rare. Please enquire for pricing.	OB	POA
572B	GRADE 1	Psvane China. Tested as Grade 1, guaranteed. Suitable for LF and audio applications below 50 MHz. Manufacturer's data specifies anode handles 1250v. Suggested operating conditions are for anode 1450V, 20V grid.	G1 Box	27
572B	USED	Shuguang, China. Used, tested guaranteed. Classic quality audio sound. Suitable for higher frequency and audio applications.	WB	18
596	NOS	United logo USA NOS. A rectifier similar to 274b but has top cap. 1 only. Data www.radiomuseum.org/tubes/tube_596.html	OB/WB	POA
616G	NOS	Brimar logo UK, NOS. Black glass. Tested, with guaranteed.	GVT	61.25 2 @ 60.00
701A	USED	Western Electric logo. Used but tested used. Near offers invited. 1 only.	OB	Near offers invited 100.00
705A	NOS	Western Electric or Raytheon. USA, NOS, logo. In stock. Half-Wave Rectifier 1940s made. Tube data: Vf=5.0V, If=5000ma, Va=30000V, Ik=50mA, S=mA/V, Pa=W.	OB/WB	15.00 10 @ 12.00
710	NOS	NL710. USA NOS.	OB/WB	41
715B	NOS	STC UK and a few USA made NOS. An STC version is printed P535-1E. Data http://www.r-type.org/exhib/abh0111.htm The above link also shows a photo of someone else's stock, just as a guide.	Mostly GB	52.50 4 @ 42.50
715C	NOS	GE USA. NOS. Also a few pieces 715B USA NOS at the same price. There are 10 pieces, GE 715C.	Mostly GB	POA
715C	NOS	6 pieces P535-1 STC UK NOS, Equivalent to 715C. 20 pieces, GE USA NOS 715C.	OB/WB	47.50 6 @ 45.00 26 @ 40.00
717A	NOS	Raytheon logo USA NOS.	OB	13
717A	GRADE 1	Western Electric, Tung-Sol /Raytheon. USA test as Grade One. Many have GVT boxes printed "West Electric/Raytheon".	G1 GB	10
719A	NOS	Western Electric and other USA NOS. 25KV rectifier. Data www.radiomuseum.org/tubes/tube_719a.html Data www.tubedata.org	GB	8.00 20 @ 6.00
723A	NOS	Western Electric logo in stock. Please enquire.	OB/WB	25.00 8 @ POA
750TL	NOS	NOS, Eimac USA, 1 only. NOS audio output triode. More than 30cm tall. Data in Vade Mecum or duncanamps.com one piece only.	OB	280
7403	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	31.00 Bulk @ POA
7408	NOS	USA used tested 1 or 2 pieces. We may have NOS at twice this price. Please enquire.	WB	25
800	NOS	Amperex USA. NOS unused. Tested, guaranteed. The getter splash is imperfect tense reduced price. 1 piece.	WB	70

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
801A	GRADE 1	USA. Tested as Grade One. 2 pieces that look the same, Taylor brand. 1 piece RCA, white ceramic base. 1 piece RCA brown base. Near offers considered for 4 pieces.	G1 Box	50.00 4 @ 40.00
801A / VT62	NOS	USA NOS. Rare item. Guide price GBP80 wholesale.	OB/WB	POA
802	NOS	Various USA brands.	OB/WB	6.00 20 @ 5.00
803	NOS	Mix USA NOS.	OB/WB	25
804	NOS	RCA USA NOS. Transmitter pentode with some similarities to 813 but not equivalent. Potential audio type.	GB	30.00 20 @ POA
805	NOS	Chinese. Tested with guarantee. Audio triode. Partly similar to 211/VT4C/845.	OB	60.00 5 @ 40.00
805	NOS	RCA or GE, USA made. Possibly in sets of 2 the same brand & appearance.	OB/WB	165.00 2 @ 160.00 4 @ POA
805	GRADE 1	RCA or GE USA, with logo. Tested as grade 1, with 80+ percent emission. Slight scratches on the metal base. Guaranteed.	G1 Box	120.00 2 @ 100.00 4 @ POA
807	NOS	BILLINGTON GOLD, Russian. With guarantee. Please refer to page 6 for full details. Audio pentode.	OB	9.00 50 @ 8.25
807	NOS	Brimar logo or Cossor logo, UK NOS. 1940s made. White ceramic base. Tested/guaranteed.	GB	60.00 Bulk @ POA
807	NOS	Cossor logo, UK made NOS. Brown base.	OB/WB	20
807	NOS	NOS. 4 or 8 pieces of each of the following: GE, Marconi, Raytheon, Westinghouse. Clean new. Tested . Sets of 2 or 4 identical should be available. Logo and guarantee.	OB/WB	16.00 8 @ 14.00 32 @ 12.50
807	NOS	8 Hytron, 16 Sylvania, shoulder shape. High quality tubes.	OB/WB	15.00 8 @ 14.00 24 @ 13.00
807	NOS	Mazda France NOS & tested. Brown base, guaranteed, logo. 6 pieces, all the same appearance.	GB/WB	20.00
807	NOS	Mullard UK made NOS, brown base with logo. Sets of 2 of the same appearance.	WB/OB	30.00 4 @ 27.50 8 @ POA
807	NOS	Mullard UK made NOS, brown base with logo. Singles, ie not sets of 2 pieces of the same appearance.	WB/OB	24.00 4 @ 21.50 8 @ POA
807	NOS	National Union. In set of 2 or 4 pieces identical appearance.	OB/WB	17.00 8 @ 14.00
807	NOS	Philips UK / Holland made NOS, brown base. Most have logo. Tested as NOS and guaranteed.	OB/WB	20.00
807	NOS	RCA logo, USA NOS. A great looking high quality tube.	OB	16.00 8 @ 15.00
807	NOS	Russian. New tested guaranteed. Audio pentode.	OB/WB	8.00 4 @ 7.00 50 @ 6.50 100 @ 5.00
807	NOS	USA made NOS. RCA, GE etc. White ceramic base, brown base with logo.	WB/OB	33.00
807	NOS	Approximately x16 Westinghouse logo USA NOS, shoulder shape. High quality audio tubes.	OB/WB	15.00 8 @ 14.00 16 @ 13.00
807 / 5933	NOS	Please refer to 5933 on approx page 73 of this catalogue, for up-to-date prices.	Most GB	
807 / HY60	NOS	These HY60 are similar to 807 with the same pin out, but HY60 are lower power and MUCH cheaper. 807 heater is 0.9A, HY60 heater is 0.5A. 807 transconductance is 6000 umhos, HY60 transconductance is 4100 umhos. Data: http://tubedata.philipse.info/ if you have difficulty please contact our office. Both UX5 base shoulder shape. Hytron logo USA NOS, white ceramic base. Tested, guaranteed. Uniform.	OB/WB	10.00 16 @ 8.00
807	GRADE 1	Brimar / Cossor. All UK with logo & white ceramic base. Not new but decent appearance. Tested around 80 percent emission with good print and guarantee.	G1 Box	45.00 8 @ 35.00 20 @ 33.00
807	GRADE 1	Fivre Italy & tested. 16 pieces all same appearance.	G1 Box	16.00 4 @ 15.00
807	GRADE 1	Mullard Grade 1.	G1 Box	15.00 8 @ 12.50
807	GRADE 1	RCA logo, guaranteed, uniform. Not new appearance but decent appearance. Test as grade one.	G1 Box	9
807	USED	8 x Cossor logo, 8 x Brimar logo. White Ceramic base. All UK, tested approx 65 percent emission. Guaranteed. Decent appearance.	G1 Box	30.00 8 @ 23.00 12 @ 22.00
807	USED	Approx 10 pieces of each of the following. Marconi, Raytheon, Sylvania, RCA and Westinghouse. Clean but not new. Sets of 4 identical should be available. Logo and guarantee.		7.00 10 @ 6.00 40 @ 4.50
807	NOS	Please refer to 5933 or to 5B-254M which is the same electrically but has a different base [loctal not UX5]. 5B-254M STC UK is cheaper than UK/USA 807.		

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PLEASE ADD 50% RETAIL SURCHARGE FOR ORDERS UNDER GBP240.

TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
807	NOS	Please refer to 307A for possible alternative, not equivalent with different electrical characteristics.		
808	NOS	RCA, GE, or other USA NOS. Clean, tested and guaranteed. Please enquire. Made 1945-1955 approx. UX5 base audio triode. Similar to 811A. Top cap anode cap from stock. Data www.r-type.org/exhib/aac0011.htm	Most GB	90.00 4 @ POA
809	NOS	RCA, Cetron etc. USA. NOS. UX4 base Audio triode with logo. Partly similar to 811A and 2A3. Data http://tubedata.itchurch.org/sheets8.html	Most GB	20
810	NOS	Chinese, tested with guarantee.	OB/WB	45
810	NOS	USA, NOS. RCA, GE & other brands.	OB/WB	95
810	GRADE 1	Audio power triode, some similarities to 845, 211, though not equivalent. NOS. USA made. Heater is 10v at 4.5A, 125 watts, Mu is 36. RCA Taylor CBS. Data pdf http://www.r-type.org/exhib/abh0308.htm	G1 Box / WB	60.00
810	USED	USA, with logo. Tested as used, with 65-75 percent emission guaranteed. Fairly clean.	WB	45
811	GRADE 1	RCA USA NOS. Logo. Tested/guarantee. Sets of 2 pieces same appearance. Very near equivalent to 811A, compare data for both tubes at https://frank.pocnet.net/sheets8.html	OB/WB	30.00 4 @ 26.00
811A	NOS	Psvane Chinese. Tested/guaranteed.	OB	37.50 8 @ 33.00
811A	NOS	Chinese Shuguang. If available. Tested/guarantee.	OB	40.00
811A	NOS	RCA or Sylvania USA NOS. Tested logo and guarantee. Sets of 2 pieces same brand & same appearance. GBP 50 per tube.	Most GB	60.00
811A	NOS	Please refer to 572B for superior quality item.		
812A	NOS	USA. RCA logo. NOS. Audio triode. 4 pieces look the same.	OB	50.00 4 @ 40.00
812A	NOS	Chinese, new tested.	WB	25.00 6 @ 18.00
813	NOS	Chinese, new tested guaranteed.	OB/WB	52.00
813	NOS	Russian, new tested guaranteed.	OB/WB	55.00
813	NOS	USA and Western European brands, excludes RCA. Includes KenRad, National Union, RCA, Westinghouse, Sylvania & other USA. NOS and tested.	OB/WB	95.00
813	NOS	USA / West European. NOS. All are 'singles', none are sets of 2 the same brand. Amperex, CBS, GE, Philips, Raytheon & Sylvania.	OB/WB	60.00 6 @ 55.00
813	GRADE 1	8 RCA, 2 Mullard. Grade 1 = used and tests 80 percent emission minimum. Clean appearance. Sets of 2 same brand / appearance.	G1 box	90.00 2 @ 80.00 8 @ 70.00
813	USED	USA/ UK brands. Rare. A few available. Tested guaranteed.	WB	30.00
814	NOS	USA, UK NOS. Includes VT154.	WB	25.00 4 @ 20.00
814	GRADE 1	USA, UK mixed brands. New and unused but poor getter appearance due to long term storage so reduced price. Used, will be tested as new.	G1 Box	15.00 16 @ 12.00
816A	NOS	USA. NOS.	OB/WB	27.5
826	NOS	USA. NOS and guarantee.	OB/WB	26.00
828	NOS	RCA logo USA NOS, tested guaranteed. Powerful vintage audio pentode. We have sockets to fit, in stock. Data Vf=10V, If=3250mA, Va=1250V, Ik=160mA & http://tubedata.philipse.info/ if you have difficulty please contact our office.	GVT	52
828	USED	Mix UK, USA Hungary. Used guaranteed. Powerful audio pentode. Data etc above.	WB	26.00 4 @ 22.00
829B / 829A	NOS	A-T-E-S logo NOS. Made in Italy. 12 pieces the same appearance. Tested/guaranteed. Audio type. Vade Mecum data shows that 829A is equivalent to 829B, copy of Vade Mecum data on request. 829A data: https://www.radiomuseum.org/tubes/tube_829a.html#google_vignette	OB/WB	15.00 12 @ 12.50
829B	NOS	Westinghouse logo. Unsure if these are Russian or USA made. Tested/guaranteed NOS. Audio type.	OB/WB	10
829B	NOS	USA. Used, tested.	WB	7
829B / 3E29	NOS	RCA logo USA NOS, and other USA brands. Sets of 2 or 4 pieces the same. Tested/guaranteed NOS. Audio type. These 3E29 are equivalent to 829B. Data on request.	Most GB	16

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
830B	NOS	USA NOS. Sometimes in stock. Audio tube.	OB/WB	48.5
832 / A	NOS	West European / USA, NOS. Guaranteed. Audio tube. Some are QV04-15 Mullard equivalent.	OB/WB	12
833A / 833C	NOS	New Chinese. Tested, guaranteed. A huge audio triode. Socket and top cap available.	OB	172.5
833A	NOS	NOS USA if available. Guide price GBP240 wholesale.	OB/WB	POA
833A	NOS	RCA USA NOS. 4 pieces in stock. Will be tested & working when we receive your order. Quantity is subject to passing test at that time. Guaranteed 6 months from despatch date. Huge high power audio triode. We can help with sockets and top caps. Sets of 2 pieces of the same appearance.	WB	400.00 4 @ 350.00
833A	NOS	RCA USA with poor getter splash. These are tested working/guaranteed, but the getter has almost disappeared therefore reduced price!	WB	50
836	NOS	Cetron USA. NOS, clean, tested, and guaranteed, with logo. Potential audio type. With some similarities rectifier type U19. Data Vf=2.5V, If=5000mA, Va=5000V, Ik=250mA. Sockets to fit these in stock. See extra information under U19/836.	OB/GVT	20.00 20 @ 12.50 80 @ 12.00
837	NOS	RCA / other USA. NOS, clean, tested, and guaranteed, with logo. Potential audio type, some similarities to 807. Data: http://tubedata.philipse.info/ if you have difficulty please contact our office. Sockets to fit these in stock.	OB/GVT	6.00 4 @ 5.50 50 @ 4.50
837	NOS	USA NOS with logos. Audio pentode which could be strapped up for triode mode also. Triode curves maybe available on request. Data: Vf=12.6V, If=700mA, Va=500V, Ik=80mA.	OB/WB	5.00 30 @ 4.00
838	NOS	USA NOS with logo. Audio triode. 2 x RCA that look the same. 2 x United that look the same. Similarities to 211 audio triode but not equivalent. Data/photo http://tubedata.itchurch.org/sheets8.html	OB/WB	80.00
843	NOS	USA NOS with logo. Audio triode. Coke bottle shape.	OB/WB	32
843	NOS	USA NOS with logo. Audio triode. Balloon shape.	OB/WB	50
845	NOS	BILLINGTON GOLD logo, Chinese manufacture. Tested, 12 month guarantee. These Chinese tubes have seen vast quality improvements over recent years & receive favourable reviews in the hi-fi media.	OB	83.00 10 @ POA
845	NOS	Shuguang Chinese manufacture. Tested 90 day guarantee.	WB	75.00 20 @ 70.00
845 / ACT6	NOS	MOV, GEC UK. NOS.		150.00 2 @ 140.00
845 / ACT6	GRADE 1	MOV, GEC UK. Probably NOS but store soiled appearance. Sold as Grade One. These are ACT6 GEC/CV1222/NT39, ACT6 and 845 have the same base (jumbo 4 pin) but different pin out. ACT6 has metal cooling fins. 845 filament, 3 amps, ACT6 = 1.65 amp gm for ACT6 is 5ma/v, 845 is 3.1ma/v. Maximum anode dissipation for ACT 6 is 75 watts Amplification factor is 22. Anode impedances 4.2 K ACT6 data/photo https://www.radiomuseum.org/tubes/tube_act6.html	G1 Box	100.00 4 @ 60.00
845	NOS	Please consider CV2231 as a driver for 845.		
845	NOS	USA. Very rare. Please ask.	GB	POA
845B	NOS	Shuguang Chinese manufacture. Rare, please ask.	OB/WB	POA
866A	NOS	Mixed West Europe / USA. Mixed brands.	OB/WB	30.00 5 @ 25.00 16 @ 17.00
866A / 5561	NOS	These are 5561 GE, RCA, USA NOS. Partly similar to 866A but 5561 handles 4 amps, whereas 866A is 1amp. 5561 data https://frank.pocnet.net/sheets5.html	OB/WB	25.00 10 @ 15.00
866A / NL-615	NOS	These are NL615 equivalent to 7018. A rectifier similar to 866A but NL615 has 7 amp filament, 866A is 5 amps. Other differences are seen at https://frank.yueksel.org/sheetsN.html Natona logo. USA NOS. Guarantee. (Possible audio rectifier suitable for 211, 805, 810, 845, 845, 4-125A to make a driver amplifier/booster amplifier. Beware of high voltages.)	OB	40.00 4 @ 32.00
866A / DCG4-1000	NOS	These are DCG4-1000. They are electrically the same as 866A but these have Edison screw base. Philips West European made NOS.	OB/WB	25.00 10 @ 15.00

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
872A	NOS	RCA and other USA made. NOS. Tested and guaranteed. Rectifier. Data on request.	Most GB	35
872A	NOS	Chinese new. New, tested and guaranteed. Rectifier. Data on request.	OB/WB	25.00 25 @ 20.00
872A / 8008	NOS	These are 8008 or ESU8008. Huge audio rectifier, equivalent to 872A, 10,000v anode. RCA USA, Ediswan UK. Sets of 2 pieces of the same appearance. Data: http://tubedata.philipse.info/ if you have difficulty please contact our office.	OB/WB	30.00 8 @ 25.00
872A / ESU74	NOS	These are ESU74 GEC UK NOS. Huge audio rectifier, slightly similar to 872A, 21cm tall. ES base. Filament voltage 4V, filament current 12A. Max mean anode power 100W. Max PIV 65kV. Min total emission 2.5A.	OB/GB	20.00 16 @ 15.00
872A / ESU112	NOS	These are ESU112 STC ITT UK NOS. Huge audio rectifier, slightly similar to 872A, 21cm tall. Filament voltage 4V, filament current 12A. estimated anode power 100W. Max PIV estimated 50KV.	GB	20.00 16 @ 15.00
874	NOS	RCA and other USA NOS. A 1920s made rectifier. Balloon shape. Photo http://www.radiomuseum.org/tubes/tube_ux874.html	OB/GVT	12.00 10 @ 10.00
874	NOS	RCA and other USA NOS. A rectifier. Shoulder shape. Photo http://www.radiomuseum.org/tubes/tube_ux874.html	OB/GVT	6.00 10 @ 5.00
8102	NOS	Made in West Europe or USA NOS. We have good quantities in stock. Please enquire.	Most OB	POA
8103	NOS	Made in West Europe or USA NOS. We have good quantities in stock. Please enquire.	Most OB	POA
8106	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	9.00 Bulk @ POA
8136	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	3.00 Bulk @ POA
918	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	POA
920	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	POA
920 / GS149	NOS	NOS. UK or USA. 14 in stock. Photocell.	OB/WB	10
926	NOS	USA NOS. Photo cell or similar. 10 pieces.	GVT/WB	17.00 Bulk @ POA
928A	NOS	USA brands including RCA, also ATES brand West European. NOS.	OB/WB	10
930	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	11.00 Bulk @ POA
931A	NOS	RCA, USA. NOS with guarantee.	Most GVT	12
954	NOS	USA NOS.	WB/GVT	4
955	NOS	USA NOS. RCA, GE etc. Maybe a few CBS.	GVT/WB	5.00 100 @ POA
955	NOS	Refer to 9002 for identical item with different base. 955 uses 'acorn base' that is impossible to find. 9002 uses B7G socket, in stock.		
956	NOS	USA NOS. RCA, CBS etc. Photo & data http://www.r-type.org/exhib/aaa0109.htm	OB/WB	4.40 4 @ 4.00 50 @ 3.30
957	NOS	USA NOS "Acorn valve" RCA etc.	GVT/WB	2.40 25 @ 1.70
958A	NOS	USA NOS. RCA, CBS etc. Photo/data http://www.r-type.org/exhib/aaai0061.htm	OB/WB	6.00 12 @ 4.00 70 @ 3.60
1005	NOS	Raytheon logo USA NOS. Mostly printed VT195. Black metal, octal base. Data: Vf=6.3V, If=600mA, Va=160V, 70mA DC output 450V PIV. Gas filled AUDIO RECTIFIER. Important, please read the CK1005 / VT195 data sheet at http://tubedata.itchurch.org/sheetsC.html . 1005 is a gas filled FULL-WAVE rectifier. Full-wave rectifiers convert the WHOLE of the input wave into a constant pulsating direct current at a higher output voltage.	Most GB	5.00 20 @ 3.50 100 @ 1.00 300 @ POA
1005	NOS	Equivalent to VT195, CK1005. JAN Raytheon logo USA NOS. Audio rectifier.	GB	3.50 16 @ 2.50 100 @ 1.50
1006 = CK1006	NOS	NOS & guaranteed. RSD logo believed USA made. Full wave rectifier. Inert gas filled. UX4 base. Operating peak anode 800V. DC output 550V. DC output 200mA. Cathode may be either directly or ionically heated; ionic heating only possible for output current in excess of 70mA. Peak inverse anode 1600V. Data www.radiomuseum.org	OB/WB	33.00 10 @ 30.00 40 @ 28.00
1007	NOS	CK1007. JAN Raytheon logo USA NOS. Silver metal. Audio rectifier. Data: Vf=1.0V, If=1200ma, Va=980V, Ik=110ma.	GB	3.00 5 @ 2.40 100 @ 1.80

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
1007	GRADE 1	USA with logo, CK1007. Silver or black metal. Audio rectifier. Grade One. Data: Vf=1.0V, If=1200mA, Va=980V, Ik=110mA.	G1 Box	1.80 50 @ POA
1616	NOS	RCA/Haltron, USA with logo. NOS, clean, tested with guarantee. Audio type. Data: Vf=2.5V, If=5000mA, Va=6000V, Ik=130mA.	OB/GVT	3.60 60 @ 3.00
1619	NOS	USA NOS. RCA or Kenrad. Black metal, almost identical to 6L6 but 1619 has 2.5 volt directly heated filament.	OB/WB	9.00 Bulk @ POA
1619	GRADE 1	USA RCA. Tests as Grade One, used but decent appearance.	G1 Box	5.00 40 @ 3.50
1622	NOS	RCA, USA. Equivalent to 6L6. Refer to 6L6 for wholesale special offers.	GVT/WB	14
1624	NOS	Kenrad / RCA USA. NOS. Possible alternative to 6L6G and 807, but 2.5V heater.	GB/WB	16.00 8 @ 14.00
1625	NOS	Mostly RCA & a few Sylvania etc. All USA NOS with logo. Arrive at BEL office soon.	OB/WB	12.00 8 @ 10.00 40 @ 9.50
1626	NOS	USA NOS. Similar to 6J5G but different heater.	OB/WB	7.20
1629	NOS	RCA NOS. Magic eye indicator. 7 currently in stock	OB/WB	20
1802	NOS	Philips. NOS. Please enquire for price.	OB/WB	In stock POA
1805	NOS	Philips. NOS. Balloon shape.	OB/WB	25
1821	NOS	Philips Mullard. NOS. Balloon shape. Data for REN1821 equivalent at data: http://tubedata.philipse.info/ if you have difficulty please contact our office.	OB/WB	40.00 4 @ 30.00
1821	GRADE 1	Philips, Mullard. Shoulder shape. Audio rectifier.	OB/WB	13.00 8 @ 11.00
1821	USED	Philips Mullard. Used, tested. Balloon shape. Data for REN1821 equivalent is above.	OB/WB	20.00 6 @ 15.00
1905	NOS	Mullard. UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	6.00 Bulk @ POA
2050	NOS	Brands including GE RCA, USA made. NOS.	OB/WB	12.00 15 @ 10.00 40 @ 9.00
2050A	NOS	GE USA brands. NOS. Useful for audio e.g. juke boxes.	OB	12.00 20 @ 9.00
2050W	NOS	Raytheon or Chatham USA. NOS. Useful for juke boxes.	OB/WB	13.00 20 @ 10.00
4019B	NOS	Near equivalent to 3A-107B, STC logo, UK. NOS. Tested guaranteed. Audio triode. Socket to fit in stock. Ref SOC4B4-B5A.	OB/WB	75.00 2 @ 70.00
4020A	NOS	STC, UK. NOS audio triode. Data: Vf=4.0V, If=250mA, Va=190V, Ik=16mA, S=2.2mA/V. Data www.tubedata.org . UV4 sockets to fit this are available.	GVT	50
4020A	GRADE 1	STC, UK NOS. Audio triode. Tests as Grade One. Refer to 3A-108A equivalent elsewhere in this catalogue.	G1 Box	37.5
4020A	USED	STC logo, UK. Used, tests 65-75 percent. Guarantee. Audio triode. Refer to 3A-108A equivalent elsewhere in this catalogue.	WB	25
4033L	GRADE 1	STC red logo. Tests as Grade One. Audio triode with similarities to 300B, PX4. Data in the 4033L NOS section, below. The 1 piece NOS below and this 1 piece Grade One make 2 pieces identical appearance.	G1 Box	100
4033L	NOS	STC with red logo. NOS tested. Data: Vf=6.3V, If=1400ma, Va=600V, Ik=90mA, S=9.0mA/V, Pa=25W. Equivalent to 3B-252M. Data for 3B-252M. Grade One make 2 pieces identical appearance.	GVT	175
4033X	NOS	STC UK NOS. 2 pieces look the same. Triode with some similarities to 300B. 4033L is very similar.	GB	180.00 2 @ 160.00
4033X	USED	STC UK. Used, tested, 2 pieces look the same. Data in the other 4033X paragraph.	WB	90.00 2 @ 80.00
4042	NOS	RCA USA. This type is needed in signal generator H.P.608E.	OB	8
4043	NOS	RCA USA. RCA logo. Equivalent to 5876A. This type is needed in signal generator H.P.608E. Please note this is not an audio tube. Clean, uniform and guaranteed. These are very clean NOS tubes in original sealed packets with plastic end terminal connectors on them.	OB	3.00 10 @ 1.67 1,000 @ 1.50
4043C	NOS	STC UK. NOS. Audio triode. When available are GBP150 wholesale.	OB WB	POA
4045A	GRADE 1	STC large audio pentode. NOS. Study the data here www.tubecollector.org/4045a.htm . A large audio pentode that could be strapped up as a triode. Balloon shape, looks similar to PX25. Tests nearly new, getter imperfect, so sold at grade 1 price.	G1 Box	230.00 4 @ 220.00

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4069A	NOS	NOS audio pentode that could be strapped up as a triode. Balloon shape.	OB/WB	POA
4074	NOS	RCA USA. This type is needed in signal generators. Uniform and guaranteed. These are very clean NOS tubes in original sealed packets. They are not equivalent to, or similar to, 2C34.	GB	6.00 5 @ 5.00
4211E	NOS	STC logo. NOS. Black base, top pip glass. Tested. Looks new. 4211E is similar to GE211 and 211A.	WB	500
4212H	NOS	Please refer to MZ2-200 for near equivalent		
4212H	NOS	STC UK. NOS. Very rare. Occasionally available.	OB/WB	POA
4212H	NOS	STC logo UK. NOS. Very rare. 1 only. See through zirconium getter. Tested. Guaranteed and clean. Photo available quickly. Sorry, no discounts of any sort and/or no near offers.	GB	1200
4212E	NOS	PLEASE REFER TO 5C-450A. 5C-450A is a pentode, but could be strapped to give 100W single ended, partly similar to 4212E.		
DISPLAY ITEM 4212E	NOS	STC logo, UK. Famous huge audio triode that have failed our testing but would make a great display item. 4 pin base well over 40 cms tall.		30.00 5 @ 24.00
4300A	NOS	STC UK NOS. Black anode, D getter. GBP1,300 wholesale when available.	OB/WB	POA
4300B	NOS	BILLINGTON GOLD UK logo. Chinese Gold plated pins. Higher heater current compared to 300B. Tested, guaranteed. The last 4 pieces 4300B we have.	OB	70
4304CB	NOS	STC / ITT UK. CV315-DET12. NOS. When available, POA		POA
4304CB / 8019 / DET12	NOS	UK/ USA NOS. Tested. Audio triode. These are 8019 or DET12, equivalent to 4304CB. 3 pieces, 3 different brands. Data www.r-type.org/exhib/aab0109.htm	GVT	100
4310A	NOS	STC white logo. UK NOS.	OB/WB	100
4328A	NOS	STC logo UK NOS. Possible alternative, not equivalent to 310A.	GB	50
4328D	NOS	NOS STC logo UK NOS. Similar to 310A. Refer to data in the other 4328D section, below. 2 pieces NOS in stock. 100 pieces NOS from my supplier with quick delivery.	GB	55.00 2 @ 54.00 100 @ POA
4328D	USED	STC logo UK NOS. Similar to 310A. (4328D is octal base. 7.5 heater. 310A is UX6 base 10v heater.) Data: http://tubedata.philipse.info/ if you have difficulty please contact our office.	GB	28.00 4 @ 25.00
4635	NOS	RCA NOS. These are 4635 tubes RCA USA NOS. They have similarities to 4CX5000A, 4CX10000D and 4CX15000R, but not equivalent. Guaranteed 6 months from despatch date. Data for all 4 of the types mentioned above: https://frank.pocnet.net/sheets41.html & https://frank.pocnet.net/sheets4.html	OB/WB	200.00 3 @ 150.00
4657	NOS	RCA, USA. NOS. 90 day guarantee. Equivalent 8072.	OB/WB	25
4662	NOS	Philips, Holland. NOS. 90 day guarantee. Testing can be arranged. Rare antique tuning indicator.	OB	120
4687	NOS	Philips logo. Made in Holland. NOS guaranteed. Data: http://tubedata.philipse.info/ if you have difficulty please contact our office.	OB	20.00 30 @ 16.00
4687K	NOS	Philips logo. Super quality. Made in Holland. NOS tested guaranteed. Data: http://tubedata.philipse.info/ if you have difficulty please contact our office.	OB	20.00 30 @ 16.00
4896B / V5	NOS	RCA USA. NOS. Mint. Photomultiplier or Vidicon.	Most GVT	
42430	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	
5517	NOS	USA, NOS.	OB/WB	
5544	NOS	UK. NOS.	GVT	
5545	NOS	Please refer to PL5545A .		
5551 / GL-5551A	NOS	Ignitron USA NOS. We cannot test this item. Sold with a 6 month guarantee.	WB	
5560	NOS	USA NOS. Thyatron, partly similar to 5557.	Most OB	
5639	NOS	Please refer to EL84 / 5639.	WB	
5643	NOS	USA. NOS. Sub-miniature thyatron; 500v PIV, 22mA anode current.	Mostly OB	
5642	NOS	RCA, GE or Sylvania. NOS. Most with logos.	Mostly OB	

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PLEASE ADD 50% RETAIL SURCHARGE FOR ORDERS UNDER GBP240.

TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
5644	NOS	Raytheon, NOS. Potential audio type. Lowest Prices.	GVT	
5647	NOS	Made by Sylvania, USA but printed 'Heintz'. NOS potential audio tube. Data http://frank.yueksel.org/sheets/137/5/5647.pdf	OB	
5647	NOS	Made by Sylvania USA NOS. Data http://frank.yueksel.org/index.html	Most OB	
5647	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	
5654	NOS	Please refer to Mullard, CV4010 .		
5656	NOS	Raytheon/JAN logo. NOS. Clean and guaranteed. Possible audio double tetrode with B9A base. All identical and perfect condition. Data: Vf=6.3V, If=400mA, Va=150V, Ik=15mA, S=5.8mA/V. Utilise as a high frequency driver or QRP VHF final. Audio tetrode.	GVT	
5670	NOS	Chinese made. NOS. Good quality audio double triode. Tested. With guarantee. Please add 0.25GBP per tube if white box required. Near offer considered if ordering 500+ pieces. Suitable for microphones such as Soundelux E251.	BP	
5670 / 2C51 / 18C51	NOS	These are 18C51 Ericsson logo NOS. Sweden. They are the same as 2C51/ 5670 5 except 18C51 has an 18 volt heater. A fairly rare, high-quality brand. Near offers considered for 100 pieces.	OB	
5670	NOS	GE JAN green logo. USA made NOS. Guaranteed.	GB	
5670	NOS	GE green logo NOS 1960s made. Tested, guaranteed. Big "O" getter, USA made. Tested, guaranteed.	GB	
5670	NOS	O getter USA made. NOS. Most with logo. Clean, guaranteed. Many are black anode.	OB/WB	
5670	NOS	D getter or triple mica. USA or French. NOS. Tested, guaranteed. Most have logo. GE, RTC, RCA, Westinghouse etc. Please enquire for actual stock.	Most GB	
5670	USED	RCA logo, triple mica, black anode. USA made. Used, tested, strong.	WB	
5670	USED	Mixed brands USA made. Used, tested. Some circle getter, some square getter.	WB	
5675	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	
5676 / CV9260	NOS	Mullard, UK NOS. These are CV9260, similar to 5676 but CV9260 has a larger glass bulb.	Most OB/GVT	
5678	NOS	CK5678 USA made Raytheon. NOS audio pentode. Vacuum Tube. Valley magazine issue 13 says these would make good audio pentodes with low distortion and low noise. Sub-miniature. Can operate on just 45V DC anode so can operate directly from 48V phantom power supply. Broadband pentode. Heater is 1.25V at only 50 mA so can work from an ordinary alkaline battery. Data: Vf = 1.25V, If = 50mA, Va = 90V, Ik = 3mA, gm = 1.1mA/V, pa = 0.2W.	OB/WB/	2.10 10 @ 1.80 200 @ 1.40 800 @ 1.25
5684	NOS	PL5684. UK/USA NOS. Good quantities in actual physical stock. Please enquire.	Most OB	
5685	NOS	Thyratron USA. NOS Guaranteed. Several in stock - we are told that C6J is equivalent to 5685 & 5C21.	Most OB	50.00
5685	NOS	Thyratron, Westinghouse 5685. Equivalent to C6J. NOS with 3 months guarantee.	Mostly OB	
5686	NOS	Audio Pentode, GE USA. NOS. B9A base. Data: http://tubedata.philipse.info/ if you have difficulty please contact our office.	Mostly OB	
5687	NOS	GE, RCA, Raytheon USA, NOS. With logo, tested, guaranteed. Some are 5687WA, some are 5687WB.	OB/WB	
5687	NOS	Sylvania. USA, NOS. With logo, tested, guaranteed. Some are 5687WA, some are 5687WB. Supplied in sets of the same appearance.	OB/WB	
5687	NOS	Raytheon USA with logo, tested, guaranteed. Many are Grade 1 (80 percent emission). Many are D getter . Some are 5687WA, some are 5687. Supplied in sets of 8 of the same item, same appearance.	WB	
5687	NOS	Tung-Sol logo. USA made. NOS. D getter.	Mostly OB	
5687	NOS	Tung-Sol. Vintage USA NOS. O Getter. Most have logo and OB.	Mostly OB	

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PLEASE ADD 50% RETAIL SURCHARGE FOR ORDERS UNDER GBP240.

TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
5687 / 7370	NOS	10 x RCA, 10 x Sylvania, 10 x Westinghouse. USA made NO with logo. These 7370 are Similar to 5687 but 7370 have 40V heater	OB	
5687WB	NOS	ECG Philips. Blue logo USA NOS. All the same appearance. Vintage NOS/NIB JAN, Sylvania, Philips, ECG black anode. Made in USA. Tested, guaranteed.	GBOX	
5687WB	NOS	ECG Philips. Green logo USA NOS. All the same appearance. Vintage NOS/NIB JAN, Sylvania, Philips, ECG black anode. Made in USA. Tested, guaranteed.	GBOX	
5687	USED	GE 5 STAR ***** logo USA made. Many of these look nearly new. Test as used 65 -75 percent approximately emission. Some are 5687WA, some are 5687WB. Supplied in sets of 4 the same type and same appearance.	WB	
5687	USED	Tung-Sol logo, vintage USA made O getter. Test as used 65 -75 percent approximate emission, but many of these look nearly new. Data: Vf=6,3V, If=900mA, Va300=V, Ik=36mA, S=11A/V, Pa4,2=W. You can buy adaptors to convert 5687 into ECC32 or E182CC Near offers considered for 20 pieces or more.	WB	
5687	USED	Tung-Sol logo, vintage USA made D getter. Test as used, over 60 percent emission. You can buy adaptors to convert 5687 into ECC32 or E182CC.	WB	
5687 / WA	USED	100 pieces GE. 20 Raytheon, 20 RCA, 80 Sylvania. Many look nearly new. Test as used, over 60 percent emission. Some are 5687WA, some are 5687WB. Supplied in sets of 10 of the same type & same appearance.	WB	12.00 4 @ 9.50 220 @ 7.20
5691	NOS	CBS, USA. NOS. Brown base . Tested. With guarantee. Near equivalent to 6SL7.	OB	37.00 4 @ 33.00
5691	NOS	CBS, Philips USA NOS. Black base . Tested. With guarantee. Near equivalent to 6SL7. We have 2 pieces as described above and other 5691 USA made, please enquire.	OB	37.00 2 @ 33.00
5691	NOS	RCA logo, USA NOS. Red base. Tested with guarantee. When available.	GVT	90.00 4 @ 80.00
5691	USED	RCA logo, USA. Red base. Tested as used with guarantee. When available.	WB	40
5691	GRADE 1	RCA logo USA, Red base. Grade One. Tested guaranteed. With logo. When available.	G1	60
5692	NOS	Brown base. USA, NOS with logo. Near equivalent to 6SN7GT. When available approx GBP100 wholesale.	OB/WB	POA
5692	NOS	USA, NOS. Red base. A few pieces usually in stock.	OB/WB	140
5692	USED	Tested guaranteed. Brown base.	WB	70
5693	GRADE 1	RCA, USA, with logo, red metal. Test as Grade 1. Decent appearance for a used tube. Not new appearance.	G1	15
5696	NOS	5696 Thyratron with similarities to 2D21. Suits some audio amplifiers. USA NOS. Mostly GE or RCA. NOS mostly OB or GVT box. Data: Vf = 6.3V, If = 150mA, Va = 500V, Ik = 25mA. Can be utilised for controlling relays or touch switches.	Most GB	3.50 20 @ 2.40 600 @ 1.80
5696A	NOS	5696A Thyratron with similarities to 2D21. Suits some audio amplifiers. Data in 5696 section above. USA NOS. mostly GE or RCA. NOS mostly OB or GVT. A few National USA.	Most GB	3.50 20 @ 2.40 400 @ 1.80
5702	NOS	Russian NOS with Russian print. Useful audio/microphone sub miniature pentode. Bargain price!	GVT	3.00 60 @ 1.50
5702 / 6J1B	NOS	Russian NOS equivalent to 5702. Printed 6X1E [Cyrillic script]. NOS, wire ended. Data: http://tubedata.philipse.info/ if you have difficulty please contact our office.	GB	1.50 20 @ 1.00 80 @ 0.90
5702WB	NOS	West European/North American manufacture including Raytheon.	GVT	6
5703	NOS	Please refer to EC70 equivalent.		
5703WA / WB	NOS	Raytheon, USA. NOS.	OB/WB	6.00 20 @ 5.00

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
5718	NOS	Thomson logo NOS. Clean and guaranteed. These are 5718. This wire ended sub miniature SINGLE triode is partly similar to half of an ECC81 double triode. 5718 heater 6.3v at 150Ma, anode 13ma. Mutual conductance 6.5ma/v ECC81 / 12at7 heater 6.3v at 250Ma, anode 10ma. Mutual conductance 5.5ma/v. Data: 5718 - Vf=6.3V, If=150Ma, Va=100V, Ik=22Ma. More data http://tubedata.itchurch.org/sheets51.html Photo http://www.radiomuseum.org/tubes/tube_5718.html	OB	5.50 10 @ 4.50 300 @ 4.00 500 @ 3.50
5719	NOS	Sylvania USA NOS wire ended. Some similarities to ECC83. Sub-miniature Hi-Mu Audio Frequency Triode, great for overdrive pedals, preamps etc. 5719 is half of a 6112. Amplification Factor 70. Data at www.tubedata.org	GB	5.00 10 @ 4.75 50 @ 4.25
5721	NOS	USA or UK manufacture. NOS. A klystron. RK5721.	GVT	60
5725 / 6AS6	NOS	Mix NOS. Mostly Russian, some USA. All are new, guaranteed. At this price we are not going to sort them. Amazing low price.	OB/WB	2.20 10 @ 1.80 200 @ 1.50
5725 / 6AS6	NOS	USA NOS. Tung-Sol, GE & other good USA made brands. Individual guaranteed.	OB/WB	3.00 6 @ 2.10
5725 / 6AS6	NOS	Western Electric NOS. Equivalent to 409A.	OB/WB	POA
5726 / 6AL5	NOS	Sylvania logo, USA NOS. Uniform appearance.	Most OB	4.50 40 @ 2.40 500 @ 2.00
5726	NOS	For more please refer to 6AL5		
5744	NOS	Please refer to ECC83/5744 for details and price. Hundreds in stock.	GB	
5749 / 5749W	NOS	Please refer to 6BA6 for information and stock.	OB	
5749 / 6BA6	NOS	Please refer to 6BA6 for information and stock.	OB	
5750 / 6BE6	NOS	Brimar logo UK NOS. These are Brimar UK NOS 6BE6 / CV4012, equivalent to 5750. Guaranteed.	WB	4.20 10 @ 3.60 200 @ 2.80
5751	NOS	GE or GE with Westinghouse logo. NOS. USA made. Various constructions but sets of 2 pieces of same appearance. All are grey pin 2 mica. Ring getter NOS, tested, guaranteed.	OB/WB	33
5751	NOS	RCA same as GE entry above. Logo USA. NOS. 2 mica, O getter. Various constructions but sets of 2 pieces same appearance.	OB/WB	33
5751	NOS	RCA, Sylvania or Westinghouse logo. USA NOS, triple mica. Some black anode. Some gold pin.	OB/WB	66
5751	NOS	Tung-Sol grey anode, D getter. USA NOS.	OB/WB	2 @ 52.00
5751	NOS	5751 Westinghouse please refer to GE.	WB	30
5751 / 5744WB	NOS	Raytheon, USA, 5744WB. NOS. Mint condition. A wire ended, sub miniature single triode, similar to half of a 5751/12AX7 double triode. Data http://tubedata.itchurch.org/sheets5.html These are 5744WB.	GVT	4.00 30 @ 3.00
5751	GRADE 1	RCA, Westinghouse or Sylvania. USA made. Triple mica. Some black anode, grey pin. Some D getter. Test as Grade One.	G1	45
5751	USED	Raytheon used, tested. Windmill getter black plate.	GB	40
5751	USED	GE logo, USA. Triple mica or 5* logo. Used, tested. Clean.	WB	30
5751	NOS	Very similar to 12AX7, ECC83, ECC803S . Please see ECC83 .		
5751 / 5744WB	NOS	Raytheon, USA, 5744WB. NOS. Mint condition. A wire ended, sub miniature single triode, similar to half of a 5751/12AX7 double triode. These are 5744WB.	GVT	4.00 10 @ 2.50 100 @ 2.20
5751 / 5755	NOS	Raytheon logo 5755 USA. They test as used (65-75 percent emission approximate) but many look new. 5755 is very similar to 12AX7 / 5751 but different pin out. You can buy adaptors in Asia to convert 5755 into 12AX7. Please deduct 25p if you accept bulk pack / egg crate instead of white box.	BP	4.80 100 @ 4.00
5751 / 5755	NOS	Raytheon logo 5755 USA. NOS. Tested. 12AX7. Please deduct 25p if you accept bulk pack / egg crate instead of white box.	WB	9.80 10 @ 9.00 100 @ 8.00

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
5755	NOS	420A Western Electric logo. NOS, tested uniform, clean, guaranteed. These are the silver top getter splash version. We might have clear glass version of this tube at higher price. 5755 audio double triode. Will plug in to replace ECC83 using an adapter. 5755 is similar to 12AX7 / 6SL7GT, but 5755 has resistance to shock, vibration, and lower microphony.	Blue OB	16.00 4 @ 14.00 300 @ 13.00
5755 / 12AX7	NOS	Raytheon logo 5755 USA NOS. 5755 is like 12AX7 / 5751 but different pin out. Clean, tested and uniform. You can buy adaptors in Asia to convert 5755 into 12AX7.	G Box	11.00 10 @ 10.00 100 @ 9.00
5755 / 420A	GRADE 1	Western Electric logo. Grade 1 with very small stain in the glass. Tested uniform, clean, guaranteed. These are the silver top getter splash version (we might have a few 5755, clear top for approx GBP40). 5755 is similar to ECC83 12AX7 ECC35, but not equivalent, different pinout etc. 5755 has resistance to shock, vibration, and has lower microphony. Adapters exist to convert 5755 into a plug in replacement for 6SL7GT.	G1	12.00 100 @ 9.00
5755	NOS	Western electric, clear top. When available.	GVT	45
5755	USED	420A. Used but most look new . Western Electric logo. Used CLEAN, tested, uniform, guaranteed. Clear top version . 5755 audio double triode plugs in to replace ECC83 using an adapter. 5755 has resistance to shock, vibration, and lower microphony.	OB/WB	22.00 12 @ 18.00
5762 / BR191	NOS	RCA, USA. Used, tested at low power only. Guaranteed 90 days. An RF 4KW power triode tube equivalent to BR191.	WB	2 @ 100.00
5763	NOS	150 RCA USA, 50 Mullard UK, 40 Brimar UK, NOS with logo. Tested and guaranteed. Some printed CV4039. B9A base audio pentode. Data: Vf=6.3V, If=750Ma, Va=300V, Ik=50Ma. Data http://tubedata.philipse.info/ if you have difficulty please contact our office.	Most OB	4.00 40 @ 3.00 90 @ 2.7 240 @ 2.50
5767	NOS	USA NOS. Litton made. Good quantities in stock. Please enquire.	Most OB	POA
5783 / 5783WA	NOS	CV4066 Mullard & 3 USA brands. All NOS. 20 or 30 pieces of each brand. Partly similar to 85A2.	Most OB	5.50 4 @ 4.50 100 @ 2.00
5784	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	3.00 Bulk @ POA
5787	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	11.00 10 @ 9.00 75 @ 6.00
5802 / ME1401 / CV2269	NOS	Please refer to ME1401 equivalent.		
5814	NOS	USA NOS, D getter, triple mica , black plate. 10 RCA, 6 Sylvania, at time of catalogue entry. Tested with logo and guarantee.	WB	20.00 6 @ 18.00 16 @ 16.00
5814A	NOS	Tung-Sol logo, USA NOS, D getter, grey anode plate. Tested with logo and guarantee.	OB/WB	4 @ 24.00
5814A	GRADE 1	RCA. All D getter, 2 mica. Some grey anode plate, some black plate. USA grade 1. Tested with logo and guarantee.	G1 box	13.00
5814A	GRADE 1	GE, ring getter, 2 mica, grey anode plate. Grade 1 tested with logo and guarantee.	G1	POA
5814A	GRADE 1	RCA NOS D getter, black plate. Tested with logo and guarantee.	OB/WB	POA
5814A	USED	Raytheon. All windmill (star) getter , grey anode plate. USA used. Tested with logo and guarantee.	WB	POA
5814A	USED	USA. Used ring getter , grey anode plate. Westinghouse/GE, Sylvania. Tested, working, used guaranteed.	OB/WB	100 @ POA
5814A	USED	USA. Used, tested, guaranteed. Triple mica or square getter.	WB	POA
5814A	USED	GE USA 5 star logo. Tests around 60 - 70% emission. D getter, triple mica , grey plate. With logo and guarantee.	OB/WB	POA
5814A	USED	Various: RCA, Westinghouse, Sylvania, Raytheon, Sylvania and 5814WA Raytheon. All ring getter, 2 mica. Some grey anode/plate and some are black plate. USA used or Grade 1. Tested with guarantee.	OB/WB	POA
5814A	NOS	Please see ECC82 .		
5814WA	NOS	Sylvania logo, black anode, 3 mica D getter. USA NOS. Tested and guaranteed.	OB/WB	POA

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
5814WA	USED	Sylvania. All D getter, some black and some grey anode plate. USA used. Tested with logo and guarantee.	WB	POA
5829	NOS	CK5829WA Raytheon. USA. NOS. Wire ended flying lead.	Most OB	4.00 10 @ 2.80 100 @ 2.25
5837	NOS	Raytheon RK5837 / 5837 Klystron USA made, NOS.	OB/GB	95
5837	USED	Raytheon RK5837 / 5837 Klystron USA made, used. 12 month guarantee.	WB	45
5839	NOS	Bendix logo USA. NOS. Black anode. Special quality, long life, equivalent to 6X5GT. A set of 2 the same. Equivalent to 5839A and TE-2. 1950s made Full Wave Rectifier. 1 in Military box & 1 WB. Triple mica. Seems to be double D getter.	OB/WB	35.00 2 @ 34.00
5840	NOS	We have good quantities in stock for these. All equivalent or near equivalent to 5840. 100-500 pieces per type of: 7432, VX8124, VX7098, CV4501, CV4502, CV9915, EF72, CV465, 5636, 6205, CV466. Please ask for prices and quantities.		POA
5840	NOS	Mullard, UK. NOS. CV4501. Plug in replacement for 5840. Originally designed for aerospace, these CV4501 make great microphone pentodes. A sub miniature pentode, wire ended.	GVT	13.00 20 @ 11.00 200 @ 10.00
5840	NOS	Please refer to 7433 and CV4501, CV465, CV9915 for very near equivalent, or EF72 or 6205 .	OB/GVT	POA
5840 / 5363	NOS	These are 5363, direct replacement for 5840, top quality. Sylvania USA. NOS. Suits amplifier stomp box amplifiers, microphone stereo applications, fuzz pedals. Data/photo http://frank.pocnet.net/sheets5.html	OB/GVT	6.00 20 @ 5.00 100 @ 4.00 500 @ 3.20
5840 / CV4506	NOS	Mullard, UK NOS. These are CV4506, equivalent to EF73, 7433 & CV466. CV4502 are very similar to 5840 but not exact equivalent. Guaranteed. A 6v sub miniature pentode. Would suit audio compressors. 5840 data http://www.r-type.org/exhib/aab0175.htm CV4502 / CV466 data http://www.r-type.org/exhib/aaa1063.htm	OB/WB	3.00 10 @ 2.40 100 @ 2.00 500 @ 1.75
5840 / CV4502	NOS	Mullard, UK NOS. These are CV4502, equivalent to EF73, 7433, CV466. CV4502 are very similar to 5840 but not exact equivalent. Guaranteed. A 6v sub miniature pentode. Would suit audio compressors. 5840 data http://www.r-type.org/exhib/aab0175.htm CV4502 / CV466 data http://www.r-type.org/exhib/aaa1063.htm	GVT	5.00 10 @ 4.00 100 @ 1.60 200 @ POA
5842	NOS	USA grey or gold pin, NOS.		20 @ POA
5842	USED	USA grey or gold pin, NOS.		20 @ POA
5842 / 404A	NOS	Ericson. NOS. gold pin.	OB/WB	16.00
5842 / 417A	NOS	Amperex logo NOS, made in USA. Gold pin. Tested guarantee.	OB/WB	10.00 6 @ 8.00
5842 / 417A	NOS	Western Electric logo, NOS, made in USA. Grey pin. Tested guarantee.	OB	85.00 2 @ 80.00
5842 / A2599	NOS	These are A2599 / CV5242 GEC logo or sticker, gold pin UK. NOS. Audio triode partly similar to 5842.	OB/WB	10.00 36 @ 8.00
5842 / A2688	NOS	These are A2688 / CV4081. GEC logo or sticker, UK. NOS. Audio triode partly similar to 5842.	GVT	10.00 26 @ 8.00
5842 / A2913	NOS	GEC logo UK NOS. These are CV5413 / A2913 is partly similar to 5842. A2913 are special quality low noise amplifier triode, gold pin B7G base. Low noise is obtained by running at higher anode current. C4107 is equivalent to A2913. CV4107 data http://frank.pocnet.net/other/ServiceTypes/cv4-4/CV4107.pdf	GVT	10.00 50 @ 8.00
5842 *	NOS	Refer to A2521 GEC, not equivalent, but good quality low cost alternative.	OB	20.00 4 @ 15.00
5842 / 417A	GRADE 1	Western Electric logo NOS, made in USA. Grey pin. Tested guarantee.	G1	85.00 2 @ 80.00
5847 / 404A	NOS	Ericson. NOS	OB/WB	POA
5847 / 404A	NOS	Western Electric logo, USA NOS. Grey pins. Potential audio type.	OB/WB	20.00 4 @ 15.00
5847 / 404A	NOS	Westinghouse, USA logo. NOS, grey pin. Potential audio type.	Mostly OB	9.00 36 @ 7.00
5847 / 404A	GRADE 1	Western Electric logo - USA Grade One. Grey pins. Potential audio type.	G1	12.00 5 @ 10.00

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5847	NOS	Equivalent to E180F which is similar. Mullard, gold pin E180F are plentiful and low cost. 5847 are quite rare.		
5853 / NL5853ST	NOS	National USA made Nixie tube NOS. 1inch/25mm tall, inch/13mm diameter. 0-9 numerical indicator. Suits nixie clocks etc. Data sheet can be sent to you on request.		18.00 4 @ 16.00 20 @ 13.00 90 @ 10.50
5853 / NL5853ST	NOS	ITT UK Nixie tube NOS. 1inch/25mm tall, ½ inch/13mm diameter. They read out numbers from 0 - 9.	OBWB	20.00 15 @ 17.50
5866	NOS	Please see TB2.5/300 Philips NOS .		
5867	NOS	Please see TY4-400 for equivalent.		
5876A	NOS	RCA USA, logo. This type is needed in signal generator H.P.608E. These are very clean NOS tubes in original sealed packets with plastic end terminal connectors. Guaranteed. Please note this is not an audio tube.	OB	3.00 100 @ 2.40 1,000 @ 2.00
5879	NOS	B9A base audio pentode, RCA, Tung-Sol & other. USA NOS.	Most OB	9.50 30 @ 7.50
5881	NOS	BILLINGTON GOLD logo. 12 month guarantee. New tested. Russian.	OB	16.00
5881	NOS	Russian, new, tested, guaranteed. Equivalent to 6L6WGC. 6P3S, 6N3CE. Thin base. No logo.	WB	14.00 20 @ 13.00
5881 / 6L6WGB	NOS	USA made NOS. 2 x GE & 4 x Sylvania logo, (no stock of Tungsol but ask re future deliveries). Most have logo. All tested, guaranteed. Sets of 2 pieces identical.	OB/WB	60.00 4 @ 48.00
5881 / 6L6WGB	NOS	USA made NOS. 2 x GE & 4 x Sylvania logo, (no stock of Tungsol but ask re future deliveries). Most have logo. All tested, guaranteed. Singles, not sets of 2 identical pieces.	OB/WB	50.00 4 @ 45.00
5881 / 6L6WGC	NOS	China new tested, GT shape.	OB/WB	15.00 25 @ 12.50
5881 / 6L6WGC	GRADE 1	Made in USA or Canada. GE, Sylvania, Tung-Sol logo. Sets of 2 pieces identical. The getter and the spigot/centre pin are all OK.	G1	37.00 4 @ 34.00 8 @ POA
5881 / 6L6WGC	USED	Tung-Sol, GE, Sylvania. Most with logo. USA made. These test between 61-80 percent emission. NB: 1 or 2 have spigot repairs, but all tested working & guaranteed. Sets of 2 the same appearance.	WB	28.00 8 @ 20.00
5881 / 6L6WGC	USED	Tung-Sol logo. USA made. These tests around 50 percent emission. This is below usual standard but they are still useful for amplifier repairs and hi-fi repairs.	WB	18.00 8 @ 15.00
5881WXT	NOS	Russian. Usually available. GBP19 wholesale price.		POA
5886	NOS	Please refer to ME1401 entry. Exact equivalent.	OB/WB	POA
5894A	NOS	Refer to QQV06-40A		
5896	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	4.00 Bulk @ POA
5899	NOS	USA or UK made, NOS. Includes EF731 and CV477 and CV506. 200 of one brand all look the same. 200 of another brand all look the same. Originally an RF pentode, but could be adapted for audio. Photo/data http://www.r-type.org/exhib/aaa1341.htm	OB/WB	7.00 10 @ 6.00 30 @ 5.50 700 @ 4.00
5902	NOS	These are CV4029 Mullard UK / Raytheon logo USA NOS. Sub miniature audio power amplifier.	WB	4.80 100 @ POA
5915	NOS	Philips potential audio type. USA, NOS with logo. A pentode or strap it up as a triode. Clean, identical guaranteed. Similar to 6BE6. JAN military issue. A double control heptode. Can be utilised as mixers or frequency changers.	GVT	2.50 10 @ 2.20 100 @ 1.80
5920	NOS	UK/USA NOS. Good quantities in actual physical stock. Please enquire.	Most OB	2.50 10 @ 2.20 100 @ 1.80
5932	GRADE 1	USA, NOS. Same as 6L6G but has high temperature base. Photo www.r-type.org/exhib/aaa0155.htm . Data: Vh=6.3, Ah=0.9, Va=350, Vs=250, Vg=-18, mAa=54, mAs=2.5, ra=33K, gm=5.2, 11W.	G1	15
5933	NOS	5933WA NOS, USA made, Sylvania logo. Equivalent to 807. JAN military.	Most GB	15.00 8 @ POA
5933	GRADE 1	USA brands including Sylvania. Tested as Grade One.	G1	11.00 10 @ 8.00
5949A / TH5059	NOS	Thomson France, equivalent to 5949. New/NOS. Tested guaranteed.	OB	150
5949 / 5949A	NOS	Chinese manufacture. New/NOS. Tested guaranteed.	OB/WB	250

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PLEASE ADD 50% RETAIL SURCHARGE FOR ORDERS UNDER GBP240.

TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
5960-99-038-0718	NOS	Cathodeon UK new / NOS. Seems to be a storage tube. We can do a limited test, but there is a 12 month guarantee to allow you time for your own testing. 10 pieces in sealed military crates. Near offers/best offers considered.	GVT	1000
5963	NOS	RCA made, RCA acid etch grey anode, D getter, foil strip. USA NOS. Tested, guaranteed.	OB/WB	15
5963	NOS	RCA made, RCA acid etch grey anode, O getter. USA NOS. Tested, guaranteed.	OB/WB	10
5963	NOS	Sylvania logo acid etch USA NOS. Grey anode, O getter. Tested, guaranteed.	OB/WB	5.00 50 @ 4.00
5963	NOS	Sylvania logo acid etch USA NOS. Grey anode, square or D getter. Tested, guaranteed.	OB/WB	7.50 50 @ 6.00
5963	NOS	Sylvania Gold Brand, USA NOS. 1960's made grey anode ring getter gold pin. Matched appearance, but not electrical matched pair.	WB	25.00 2 @ 20.00 4 @ POA
5963	USED / GRADE 1	RCA made, RCA acid etch grey anode, D getter, foil strip. USA used or Grade 1. Tested, guaranteed.	WB	5.00 12 @ 4.00
5963	USED	RCA made, RCA acid etch grey anode, O getter. USA used. Tested, guaranteed.	WB	3.40 16 @ 3.00
5964	NOS	Sylvania, Raytheon or RCA. USA. NOS. With logo. These are 5964 with B7G bases and double triode with common cathode. Equivalent to 6J6. Similarities to 6J4 and ECC81.	Mostly OB	2.50 10 @ 2.20 500 @ 1.75
5965	NOS	Brimar UK NOS with white T logo.	OB/WB	13.00 10 @ 12.00
5965	NOS	Brimar UK NOS with yellow T label. Guide wholesale price GBP15.	OB/WB	POA
5965	NOS	GE 5 star logo, USA. NOS. Clean, tested and guaranteed.	OB	12.00 6 @ 10.00
5965	NOS	RCA USA. Logo. Triple mica. Black anode. Ring getter.	OB	11.00 8 @ 8.00
5965	NOS	RCA USA. Logo. Triple mica. Grey anode. Ring getter.	OB	11.00 8 @ 24.00 100 @ POA
5965	NOS	RCA USA. Logo. Grey anode. D getter.	OB	11.00 8 @ 8.00
5965	NOS	RCA USA. Logo. Triple mica. Grey anode. D getter.	OB	15.00 8 @ 12.00 15.00 @ POA
5965	NOS	RCA USA. Logo. Triple mica. Black anode. D getter.	OB	15.00 8 @ 12.00 20 @ POA
5965	NOS	RCA USA. Logo. Triple mica. Grey anode. D getter.	OB	17.00 8 @ 14.00 32 @ POA
5965	NOS	Sylvania gold pin USA made NOS. Tested strong.	WB	24.80 4 @ 20.00
5965	NOS	12AV7 equivalent. GE or Westinghouse or Sylvania. USA made NOS with logo.	OB/WB	6.00 20 @ 5.00 100 @ 4.50
5965	NOS	USA made. Square getter, black anode NOS. 12 Sylvania, 4 Westinghouse, 4 RCA, 2 Tung-Sol. Tested strong.	WB	14.00 8 @ 12.00
5963	USED / GRADE 1	GE/RCA Westinghouse Sylvania. Used or G1. O getter. Tested. In some cases the print is partly missing. USA made. Tested strong.	Plain WB	2.50 75 @ 2.00
5965	GRADE 1	Brimar white T logo. Tested and guaranteed.	G1	16.00 5 @ 14.00
5965	GRADE 1	GE USA Grade 1 USA made. Tested strong.	G1	4.00 30 @ 3.20
5965A	NOS	GE or Westinghouse. Clear top, NOS, USA made. Tested strong.	WB	10.00 20 @ 8.00
7077	NOS	GE USA. NOS.	OB/WB	11.00
5993	NOS	Bendix made, USA. NOS. Black anode. Special quality, long life, similar to 6X4 but different pin out.	OB/WB	20.00 5 @ 16.00
5993	USED	Bendix made, USA. Black anode. Used tested. Special quality, similar to 6X4 but different pinout.	WB	10.00 10 @ 8.00
5998	NOS	Tung-Sol logo. NOS. Guide price GBP150, wholesale.	OB/WB/G B	POA
5998	GRADE 1	Tung-Sol logo USA. Test Over 80 percent emission. Guaranteed. 6 hole anode. ST shape. We may have 2 pieces.	WB	99
5998	USED	Tung-Sol logo USA. Test Over 65 percent emission. Guaranteed. 6 hole anode. ST shape. We may have 2 pieces.	WB	75
5998	USED	Tung-Sol logo USA. Equivalent to 421A. Decent appearance but test only 50 percent emission, which is why they are sold 4 times cheaper than (NOS). Guaranteed. 6 hole anode. ST shape.	WB	40
5998A	NOS	Sylvania and GE. USA NOS. Tested and guaranteed. GT straight shape.	OB/WB	40
6005W	NOS	USA, NOS, good stocks exist. Please refer to "6AQ5"		

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
6012 / C1K	NOS	Made in West Europe or USA. NOS. Offers considered.	OB/WB	40
6014 / C1K	NOS	6014 / C1K made in West Europe or USA. NOS.	OB/WB	65
6021	NOS	GE 5 star item USA NOS. Potential audio type.	OB	8
6021	NOS	6021 = ECC70 = CV3986 Mullard UK logo. NOS. Partly similar to 12AX7. Unused tested guaranteed, but pins are store soiled appearance.	Most GB	12.00 30 @ 10.00
6021	NOS	Russian NOS equivalent to 6021. Printed [Cyrillic script]. 6N16B NOS, wire ended. Data: http://tubedata.philipse.info/ if you have difficulty please contact our office OR http://audio.ring.lt/pdf/6n16b.pdf . Potential audio type.	WB/OB	3.00 10 @ 2.00 100 @ 1.40
6021	NOS	Thomson France NOS. Potential audio type.	OB	5.00 1,000 @ 3.00
6028	NOS	USA NOS. Equivalent to WE 408A. Similar to EF86 but 6028 has a B7G base & 20V heater. Replace EF14 with a 6028, plus an adapter etc.		GBP 3.00 10 @ POA
6028		Part of the C3M, 408A, C3E, C3O, 5A-152M, 18042 family. These are all near equivalent, or same tube but different heater/base.		
6028	NOS	USA, NOS. Equivalent to WE 408A. Similar to but not same as EF86. 6028 has a B7G base & 20V heater. Replace EF14 with a 6028, plus an adapter etc GBP15 wholesale when available.	OB/WB	15.00 10 @ 14.00
6028 / 408A	NOS	Western Electric USA. NOS.	OB/WB	20
6058	NOS	CV4025 is superior quality equivalent.		
6060 / ECC81	USED	Brimar logo, UK. Identical to UK ECC81. Tests as used ie 65-75 percent emission. Guarantee and Brimar T label white logo.	BB	8.50 80 @ 6.50
6060	NOS	Equivalent to CV4024 .		
6072	NOS	GE black anode, triple mica. D getter. Tested as used ie around 65 percent emission. Some have GE logo, some have only acid etch "6072" all genuine vintage USA made.	WB	50.00 16 @ 40.00
6072 / A / 12AY7	NOS	Please refer to 12AY7. We usually have USA 3 mica, USA 2 mica and Russian.		
6076	NOS	These Are Philips QBL5-3500, equivalent to 6076. West European made. NOS guaranteed. A broadcast tetrode. Output Power 2.8 Kw, maximum frequency 220 MHz, Cooling Forced Air, Heater 6.3 V at 32.5 A. Peak Anode Voltage 5.5 Kv.	GVT	250.00 3 @ 240.00
6080	NOS	Beckman USA NOS. Tested and guaranteed. 2 pieces.	OB/WB	50
6080	NOS	Brimar logo made in Japan. NOS tested. 4 pieces same appearance.	WB	12.00 4 @ 11.00
6080	NOS	Chatham USA NOS. Tested/guaranteed. 2 pieces.	OB/WB	100
6080	NOS	GEC / MOV with logo. UK, NOS and tested.	OB	180.00 4 @ 170.00
6080	NOS	Haltron logo, believed to be made in USA. NOS tested. Sets of 16 pieces same appearance. Black wafer in base.	WB	5.50 48 @ 4.50
6080	NOS	Mullard, logo. UK NOS. 4 pieces look the same.	OB/WB	75.00 8 @ 65.00
6080	NOS	Telefunken original logo, believed to be USA made. NOS & tested. 4 pieces same appearance. Black plate.	OB	4 @ 42.00
6080	NOS	Tung-Sol USA. NOS, tested/guaranteed.	OB/WB	50
6080 / 6080WA	NOS	GE USA NOS. Sets of 4 pieces that look identical. USA, NOS. Tested/guaranteed. These have a great dynamic response and a hint of warmth, with excellent deep tonal character. Long life/high reliability.	WB	10.00 16 @ 9.00 30 @ 8.00
6080 / 6080WA	NOS	Mazda Belvu U logo, white wafer in base. French made, NOS tested, guaranteed. These have a great dynamic. 2 pieces that look identical.	WB	80.00 2 @ 75.00
6080 / 6080WA	NOS	Raytheon logo, white wafer in base. Sets of 8 pieces that look identical. USA, NOS tested, guaranteed. These have a great dynamic response. Long life/high reliability.	WB	10.00 20 @ 9.00 50 @ 8.00
6080 / 6080WA	NOS	RCA USA NOS. Sets of 4 pieces that look identical. USA, NOS tested/guaranteed. These have a great dynamic response and a hint of warmth, with excellent deep tonal character. Long life/high reliability.	WB	10.00

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
6080 / 6080WA	NOS	Sylvania logo, white wafer in base. USA, NOS tested, guaranteed. These have a great dynamic response and a hint of warmth, with excellent deep tonal character. Long life/high reliability.	WB	10.00 16 @ 9.00 30 @ 8.00
6080 / 6080WA	NOS	Thomson CSF logo, France. NOS. Super quality, guaranteed. Audio double triode. Black anode/black plate. A long life, low noise, shock and vibration resistant equivalent to 6AS7G. These have a great dynamic response and a hint of warmth, with excellent deep tonal character. All the same appearance. Quality compares favourably with Mullard UK. Photo can be sent quickly on request. Data: http://tubedata.philipse.info/ if you have difficulty please contact our office.	OB	20.00
6080 / 7236	NOS	Cetron logo. USA made NOS. Equivalent to 6080.	OB/WB	70.00
6080	GRADE 1	GE USA. Grade 1. Test around 80 percent emission. They are very clean appearance but someone has polished the base so a small amount of copper is showing underneath the chrome plate on the base.	G1	5.00 8 @ 4.00 30 @ 3.50
6080	GRADE 1	GEC sticker, UK. Grade 1. Test around 80 percent emission.	G1	105
6080	GRADE 1	Mullard logo, UK made. Tests as Grade One. Approx 80 percent emission. Small stain in the glass but decent appearance.	G1	50.00 12 @ 40.00
6080	USED	Mullard, logo, UK made. Used, test around 65 - 75 percent emission. Not new but good print & decent appearance. Some triple mica.	WB	36.00 18 @ 30.00
6080	USED	GEC sticker UK. Used. Tested. Near new and decent appearance, but spigot is repaired or missing.	WB	70
6080	USED	USA. Used. These are sold as USED, but most of them test new, or look new. Sets of 4 pieces of the same brand/same appearance. Choose RCA logo or Raytheon logo. Tested and guaranteed.	WB	7.00 4 @ 4.00 60 @ 3.35
6080 / 6080WB	GRADE 1	Sylvania logo, white wafer in base. USA, test nearly new and probably unused, but copper is showing through the chrome metalwork, where they have been polished. Therefore sold at reduced price and classed as Grade 1, not new. These have a great dynamic response and excellent deep tonal character.	G1	7.50 8 @ 6.00 50 @ 5.50
6080WC	NOS	20 pieces GE & 20 pieces Sylvania. USA, NOS tested. Guaranteed. Equivalent to 6AS7G but 6080 has straight GT shape. Long life/high reliability.	Most OB/GB	12.00 20 @ 10.00 40 @ 9.00
6083 / OS51	NOS	Please refer to 6083/OS51.		
6083 / OS51	NOS	Brimar NOS. audio amplifier type.	OB	22.00 4 @ POA
6088	NOS	Raytheon - USA. NOS. Audio pentode. Wire ended flying lead. Data: Vf=1.25V, If=20ma, Va=45V. Website page discussing 6088 as audio pentode. http://diyaudioprojects.com/Forum/viewtopic.php?f=10&t=926	GVT	3 20 @ 2.00 100 @ 1.50
6094	USED	Bendix logo. Gold pin. USA made. These test used, approximately 65-75 percent emission. Many look near new. Super high quality possible alternative, not equivalent, to EL84. These exquisite audio tubes were manufactured by Bendix Redbank.	WB	55
6098 / 6384	NOS	Tung-Sol logo, USA. NOS. These are 6098, similar to 6384, but not the same.	OB/WB	30.00
6101	NOS	Equivalent to 6J6.		
6106	NOS	Bendix NOS. Please refer to 5Y3WGT.		
6110	NOS	USA. NOS blue print. A double diode with audio possibilities with flying leads/wire ended. Guaranteed. Great quality tubes.	OB/WB	7.00 40 @ 6.25
6111WA	NOS	ECC Philips USA. NOS blue print. In sealed military boxes of 100. Made in or around 1986. Low noise alternative to ECC82, with flying leads/wire ended. Guaranteed. Great quality tubes.	OB	7.00 100 @ 6.50 1,000 @ 6.00
6111WA	NOS	Philips USA NOS. Slightly similar to ECC82. Socket available from stock, reference 8611. Guaranteed.	OB/WB	8.00 Bulk @ POA
6111WA	NOS	Thompson French made, NOS. Slightly similar to ECC82. Guaranteed. Good quality items.	OB	7.50 100 @ 7.00 300 @ 6.50

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
6112	NOS	A ruggedised, low noise tube. JAN Sylvania, USA NOS. This sub miniature double triode has similarities to ECC83. Data on request. Great quality, suits microphones, effects pedals etc. Suits musical fidelity amps.	OB	9.50
6115	NOS	USA NOS Raytheon, JAN, Klystron. Data www.tubedata.org	GB	180.00 5 @ 170.00 50 @ POA
6115A	NOS	Raytheon, JAN, Klystron. USA. NOS. Data www.tubedata.org	GB	120.00 30 @ 110.00
6132	NOS	Equivalent to CV4055 .		
6146	NOS	GE, RCA, Raytheon and Sylvania. NOS with logo, clean, tested and guaranteed. Sets of 2 or 4 pieces identical. Matched pairs should be no problem. 16 pieces unchanged.	OB/WB	26.00 30 @ 20.00
6146	USED	GE, RCA, Raytheon & Sylvania. Used with logo, clean, tested and guaranteed. Sets of 2 or 4 pieces identical.	OB/WB	11.00 8 @ POA
6146A	NOS	Raytheon, RCA, Sylvania, USA. NOS. Tested with guarantee and most with logo. 36 pieces unchanged.	GVT	26.00 12 @ POA
6146A	USED	Raytheon, RCA & Sylvania, USA. Used. Tested with guarantee and most with logo.	OB/WB	11.00 8 @ POA
6146B	NOS	Chinese NOS, tested. Guarantee 90 days from dispatch date. Match pairs etc on request. Customer feedback indicates this 6146B is good quality and suitable to replace the rare Japanese S2001A equivalent tube and suitable for Yaesu Kenwood equipment.	WB	21
6146B	NOS	USA NOS. Tested and guaranteed, most with logo. 4 of this brand, 8 of that brand. GE, RCA Westinghouse etc.	OB/WB	26.00 20 @ 24.00
6146B / 8298	NOS	RCA USA NOS. Tested and guaranteed, most with logo. They are RCA 8298 NOS. Most RCA 6146B tubes were "cross branded" with the 8298 number in addition to the 6146B.	OB/WB	28.00 8 @ POA
6146B	USED	USA/Holland. Used, tested and guaranteed, most with logo. 2 of this brand, 2 of that brand. Amperex, RCA, Sylvania, Westinghouse etc.	OB/WB	13.00 32 @ 12.00
6146W	USED	USA including Sylvania logo and RCA logo.	OB/WB	11.00 Bulk @ POA
6147	NOS	Audio sub miniature pentode, wire ended. Raytheon USA NOS. Data: http://tubedata.philipse.info/ if you have difficulty please contact our office.	OB/WB	5.00 40 @ 4.00
6155	NOS	West European and equivalents. QB3-300 Siemens RS1007, QY3-125. Refer to CV2130 entry in this list for more info. 20 pieces.	Most GVT	38.00 20 @ POA
6155	NOS	Equivalent to CV2130 and 4-125A .		
6156	NOS	West European made EEV NOS including C1112 equivalent.	GVT	45
6159 / A / B	NOS	USA manufacture including Sylvania.	OB/WB	8.25
6176	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	Bulk @ POA
6189	NOS	USA NOS, triple mica. Tung-Sol, RCA, GE. Most are D getter.	Most GB	16.00 30 @ POA
6189	NOS	USA NOS, triple mica. Sylvania, D getter.	Most GB	25.00 8 @ POA
6189	USED	USA used, many triple mica. RCA, GE, Sylvania. Test 65+ emission.	WB	12.00 40 @ POA
6189	NOS	Equivalent to 12AU7 , CV4003 and ECC82 .		
6201	NOS	GE, 5 star logo ***** USA. Test as used (over 60 percent emission) look new, the acid etch is "6201". Half are triple mica. Half are black anode. Half are grey anode. All same price. 1st come is 1st served.	WB	12.00 25 @ 8.00
6201	NOS	GE USA made, NOS. Black anode. D getter.	OB/WB	13.00 6 @ 12.00 50 @ 10.00
6201	NOS	RCA NOS. Grey anode.	OB/WB	12.00 16 @ 10.00
6201	NOS	RCA NOS. Triple mica. D getter.	OB/WB	12.00 16 @ 10.00
6201	NOS	Sylvania logo, D getter black anode, 3 mica. NOS. tested, USA made. The acid etch is "6201".	OB/WB	22.00 16 @ 18.00
6201	NOS	Westinghouse logo USA NOS. Tested with guarantee, acid etch is "6201". These have a solid ring getter, quite rare now.	OB/WB	13.00 30 @ 12.00
6201	NOS	Westinghouse logo USA NOS. Tested with guarantee, acid etch is "6201". Triple mica. D getter, black anode.	OB/WB	15.00 10 @ 13.00
6201	NOS	Westinghouse logo USA made tubes. NOS. Grey anode.	OB/WB	9.50 8 @ 9.00 40 @ 8.00 120 @ 7.00

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
6201	USED	GE USA made. 36 black anode & 50 grey anode. D getter. Used, tested 65 percent emission minimum. The 86 piece offer is for x 50 grey anode & x 36 black anode in 1 parcel.		6.50 36 @ 6.00 86 @ 4.00
6201	USED	Westinghouse logo USA. Tested with guarantee, acid etch is "6201". Triple mica. D getter, black anode. Tested as used, minimum 65 percent emission.	WB	7.00 40 @ 4.00
6201	USED	Westinghouse logo USA. Tested with guarantee, acid etch is "6201". Triple mica. D getter, grey anode. Tested as used, minimum 65 percent emission.	WB	6.00 50 @ 3.50
6201	USED	Westinghouse logo USA made tubes. Used, test 65 percent emission. Grey anode.	OB/WB	5.00 10 @ 4.00 150 @ 3.00
6201	NOS	Please refer to ECC81 / 12AT7WC GE green logo. NOS.		
6201	NOS	Please refer to ECC81 section on another page. Several interesting brands, listed, including ECC81/6201/12AT7WC.		
6202 / 6X4	NOS	USA made and tested. These 6202 are near equivalent to 6X4. 6202 have maximum output 50ma. 6X4 output is 70ma	WB	4.00
6203 / 6X4	NOS	USA NOS with logo, tested and guaranteed. 50 pieces of each brand: GE, RCA, Sylvania, Westinghouse. These are 6203 tubes. 6203 is a ruggedised, B9A base 6X4. 6203 heater current is 900ma, 9 pin base. 6X4 heater current is 600mA, 7 pin base. These are 6203.	Most GB	5.00 5 @ 2.67 200 @ 2.50
6205	NOS	Philips USA made NOS. A 6v sub miniature pentode. Would suit audio compressors.	GVT	5.00 10 @ 4.00 100 @ 3.26
6205	NOS	USA NOS. High shock version of 5840. The suppressor (G3) comes out on a separate lead (can be tied to cathode, earth or a DC voltage).	GVT	POA
6211	NOS	Mullard UK, NOS. Similar to E80CC & ECC82 although not exact equivalents.	OB	45.00 4 @ 40.00
6211	NOS	Telefunken logo, West German. NOS. <>, grey pins. Similar to E80CC, ECC82 although not exact equivalent.	Most OB	100
6211	NOS	Telefunken logo, West German. Unused and working but test around 65- 75 percent emission, below NOS standard. Grey pins with diamond <> .	Most OB	60.00 4 @ 55.00
6211	NOS	Telefunken logo, West German. NOS. <> , gold pins. Similar to E80CC, ECC82 although not exact equivalents. 1 or 2 only.	OB	280
6211	NOS	GE, Westinghouse NOS. Believed to be Japanese made. Grey pin. High quality audio double triode similar to E80CC.	OB/WB	7.00 10 @ 5.50 100 @ 4.00
6211	NOS	12 x RCA WB, 12 x Sylvania Government box. USA made NOS. Grey pin. High quality audio double triode similar to E80CC.	GB/WB	11.00 12 @ 10.00 24 @ 9.00
6211A	NOS	Equivalent to 6211. Raytheon logo. USA. NOS. Grey pin. Square getter plate. Side getter.	OB/WB	8.00 10 @ 7.00
6216	NOS	200 x GE, 100 x Sylvania, USA NOS with guarantee. These are B9A base 6216, audio pentode with SOME similarities to EL84. EL84: Vf=6.3V, If=760Ma, Va=300V, Ik=65Ma, S=11Ma/V, Pa=12W 6216: Vf=6.3V, If=1000Ma, Va=140V, Ik=70Ma, S=12Ma/V, Pa=10W. More data www.tubedata.org	Mostly OB	
6240G	NOS	USA. NOS. Brand to be advised. 2 pieces same appearance. Tested guaranteed. Audio double triode. Price is per tube - near offers considered.	WB	205.00 2 @ 200.00
6267	NOS	Equivalent to EF86.		
6278	NOS	USA. NOS. We cannot test this Xenon thyratron, but it is guaranteed 90 days from dispatch. Equivalent to C5F14.	OB/WB	20
6278	NOS	Xenon triode thyratron, 500v PIV, 5A. Filament: Vf 14 Volts, If 2 Amps. Maybe equivalent to a C5F14.	OB/WB	25

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
6293	NOS	possible replacement for 6146B. USA NOS. Tested and guaranteed, 4 of this brand, 4 of that brand: GE, RCA Westinghouse etc. 6293 is a pulse rated version of 6146B. 6293 has a lower anode dissipation, but only nominally because this was intended for high voltages peaks. Reverse-emission from the heated up anode had to be avoided, so the anode was specified to run colder - hence the nominally lower plate dissipation ratio - all designed for a situation that does not occur in ham radio equipment. 6293 can replace 6146B in most cases.	OB/WB	24
6336 / A	NOS	All USA made. NOS. 3 electrical match pairs but 6 different brands, none are 2 of the same appearance.	OB/WB	35.00 6 @ 30.00
6336	NOS	Tung-Sol. Sets of 2 of the same appearance. One piece 6336A can replace 3 pieces of 6AS7G/6080.		37.50 4 @ POA
6336	GRADE 1	Tung-Sol. Most are not sets of 2 of the same appearance.		28.00 4 @ 24.00
6336A	GRADE 1	Cetron/Raytheon/Westinghouse USA. Sets of 2 identical. Test as Grade One. Look decent but not new.	G1	27.00 4 @ 24.00
6336A	USED	Cetron/Raytheon/Westinghouse/Tung-Sol 1960 USA. Sets of 2 pieces identical. Look clean but tests used. Guaranteed.	OB	19.50
6336A / 6528	GRADE 1	Tung-Sol/Raytheon USA made. Tested to grade one standard. Guaranteed. These are 6528, which is very similar to 6336A but 6528 has higher gm 37,000 and mu of 9.	G1	27.00 10 @ 21.00
6336B	NOS	GE logo. USA made NOS. Sets of 2 identical.	OB	34.00 6 @ 32.00
6350	NOS	RCA logo, USA NOS. Super quality. B9A base. Double triode, similarities to 6SN7, 6CG7, ECC82, ECC88. Adapters can be found on the Internet to convert 6350 into 6SN7, ECC88, etc. Data: http://tubedata.philipse.info/ if you have difficulty please contact our office.	OB	18.00 25 @ 13.00 200 @ 10.00
6350	NOS	RCA logo, triple mica, some are D getter. USA NOS. Super quality. B9A base. Double triode, similarities to 6SN7, 6CG7, ECC82, ECC88. Adapters can be found on the Internet to convert 6350 into 6SN7, ECC88, etc. Data: http://tubedata.philipse.info/ if you have difficulty please contact our office.	Most OB	21.00 35 @ 16.00 200 @ 12.00
6350	NOS	Sylvania logo, D getter, USA NOS. B9A base. Adapters can be found on the Internet to convert 6350 into 6SN7, ECC88, ECC82. Data in 6350 RCA section above.	Yellow	20.50 24 @ 18.00 200 @ 15.00
6350	NOS	Sylvania logo, USA NOS. B9A base. Adapters can be found on the Internet to convert 6350 into 6SN7, ECC88, ECC82.	Yellow	10.50 40 @ 8.00 100 @ 7.25
6350	GRADE 1	RCA logo, USA. Tests as Grade One.	G1	11
6350	GRADE 1	Sylvania logo, USA. Grade One. Many look new, or test new, but they are sold as grade one, meaning best quality used item. Data: http://tubedata.philipse.info/ if you have difficulty please contact our office. B9A base, similarities to 6SN7, 6CG7, ECC82, ECC88. Adapters can be found on the Internet to convert 6350 into 6SN7, ECC88.	G1	7.50 50 @ 6.00 100 @ POA
6350	USED	RCA logo, USA NOS. Data above. RCA acid etches. Used but most look unused and test around 70 percent emission. B9A base. Similarities to 6SN7, 6CG7, ECC82, ECC88. Adapters can be found on the Internet to convert 6350 into 6SN7, ECC88.	OB	7.50 50 @ POA
6351 / Z319	NOS	CV2276. GEC sticker. Or EMI UK NOS. A high gain B9A secondary emission pentode. Data www.r-type.org/exhib/aa0023.htm .	Mostly GVT	4.5
6360	NOS	Refer to equivalent to QQV03-10 .		
6384	NOS	Bendix USA, 1 only. Similar to 6AR6 but not identical.	WB	50.00
6384	GRADE 1	Bendix USA made, but the logo is Tung-Sol, or Cetron. Maybe unused, but sold at grade one price. There is discolouration on the base due to the long-time storage. Tested working and guaranteed. Sets of 2 pieces identical appearance.	G1	32.00 8 @ 27.00

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PLEASE ADD 50% RETAIL SURCHARGE FOR ORDERS UNDER GBP240.

TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
6386	NOS	USA, NOS. Rare but often in stock. Suitable for Gates recording and mastering audio compressor. 2 pieces GE in stock as of 18.11.21.	OB/WB	POA
6414	NOS	Westhouse logo, USA made NOS. E80CC is similar to 6414, but not a true equivalent.	OB/WB	15.00 4 @ 12.50
6414	USED	GE, Sylvania & Raytheon USA. Used, tested. Audio type.	WB	5.00 30 @ 3.50
6418	NOS	Raytheon USA.	GVT	6.00 50 @ 5.00 400 @ 4.00
6442	NOS	USA NOS. Tested.	OB/WB	30
6442	NOS	Surplus untested but guaranteed.	OB/WB	POA 30 @ POA
6463	NOS	GE, Westinghouse & Sylvania USA NOS.	Most OB	10.00 10 @ 8.00 50 @ 7.00
6463	NOS	Telefunken logo West German (NOS) diamond mark <>.	OB	52
6463	NOS	Mullard logo UK / Holland NOS.	OB	16
6476A	NOS	Or CK6476 Sylvania logo, or Raytheon logo USA NOS NIB. Dekatron.	OB	20.00 25 @ 16.00
6481	NOS	USA NOS. Litton made, in actual physical stock. Please enquire.	Most OB	POA
6485	NOS	Audio tube. A high quality equivalent to 6AH6. GE /other USA NOS.	OB/WB	5
6528A	NOS	North American manufacture.	OB/WB	35
6550	NOS	Sylvania logo USA NOS. 3 pieces look the same. GT shape. NOS tube, BUT the getter is a little bit imperfect hence reduced price.	OB/WB	75.00 3 @ 65.00
6550	NOS	Tung-Sol logo, USA NOS. Shoulder shape. Guide price GBP250 wholesale.	WB	POA
6550	NOS	GE USA, NOS. GT straight shape. When available approx £130.00.	OB/WB	POA
6550	USED	Tung-Sol logo. Vintage USA made. Used, not good appearance. Test around 50 or 60 percent, hence reduced price.	WB	75.00 2 @ POA
6550A	NOS	BILLINGTON GOLD, Chinese. Tested with logo & guarantee. Some years ago, Glass audio magazine said 6550 Chinese produce a stable great sound, handle higher anode voltage and perform well. Voted better than a Tung-Sol USA tube!	OB	POA
6550A	NOS	Chinese. Straight shape. New tested guaranteed. Printed "6550A 6550B".	WB	POA
6550A	USED	6550A GE, USA made. GT shape. Used tested guaranteed.	OB	POA
6550B-3	NOS	These are Svetlana C logo 6550-B3, only printed 6550B3. NOS. Super quality, Russian made in 2005. WB. Zirconium getter and clear glass.	WB	45.00 2 @ 40.00
6550C	NOS	Svetlana C logo. Russian. Tested & guaranteed by us. NOS. Made in St. Petersburg, Russia. All 100 pieces look the same, with date code 2011. Perfect for guitar amps and hi-fi. Tested guaranteed. The C logo version is rare nowadays. When available.	WB	POA
6550C	NOS	Svetlana "S" logo. Russian. NOS. Made in St. Petersburg, Russia. 1990s vintage. Perfect for guitar amps and hi-fi. Tested guaranteed.	WB	50.00 4 @ 40.00
6611	NOS	Mullard, UK/Holland CV2371. Equivalent to DF61. NOS, clean, guaranteed. Wire-ended sub miniature pentode. Low voltage sub miniature broadband pentode. Could operate directly off 48 volt phantom power supply lines. Heater is only 20Ma and can be supplied from an ordinary dry cell battery. Data: Vf=1.25V, If=20Ma, Va=30V, Ik=1Ma, S=1Ma/V. Similar to 1AH4 and 2E32. Possible audio type, see Glass Audio magazine 1999.	GVT	3.00 20 @ 2.50 300 @ POA
6611	NOS	Equivalent to DF61.		
6688	NOS	Equivalent to CV3998 and E180F.		
5977 (ECC81)	NOS	USA. NOS. Mint. 5977 is a wire ended single triode, similar to half of an ECC81 double Triode.	WB/OB	6.00
6829	NOS	GE green logo, USA NOS. B9A base. 6829 is an audio double triode similar to E180CC. NOS, guaranteed. Data in other 6829 section, below in groups of 100 identical tubes.	GB	6.50 20 @ 5.50 100 @ POA
6829	NOS	GE logo USA NOS. B9A base. An audio double triode. NOS tested, and guaranteed. Data in the other 6829 section, below in groups of 10 identical tubes.	WB	6.50 20 @ 5.50 100 @ 4.50

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
6829	USED	GE or Raytheon, USA. Equivalent to CK6829. B9A base. Audio double triode similar to E180CC. Used, tested and guaranteed. Data etc in NOS 6829 paragraph. Emission will be more than 60 percent.	WB	3.70 6 @ 3.20 50 @ 3.00
6829	NOS	Equivalent to E180CC.		
6870	NOS	Brimar T logo, UK. NOS. RF pentode.	OB	7.50 20 @ 6.00
6883	NOS	4 x RCA, 4 x Westinghouse, 4 x Philips USA with logo. NOS. Audio type. Similar to 6146 but 12v heater for mobile use. Tested and guaranteed.	OB/WB	10.00 8 @ 9.00
6883B	NOS	These are 6883B USA NOS, mostly RCA . Audio type YL1371. Equivalent to 6883B. Similar to 6146B but 12v heater for mobile use. The 6883B has a specialised heater designed to operate over a wider voltage range (12-15 volts) tolerating excursions from 10 to 16 volts, making it suitable for mobile equipment with fluctuating battery power. The standard 6883 does not have this controlled heater, though it is a similar tube. Data www.radiomuseum.org/tubes/tube_yl1371.html	OB/WB	16.00 10 @ 12.50
6888	NOS	GE, RCA, Westinghouse, Sylvania USA with logo. NOS. Audio type. Similar to 6L6GC / KT66 but has lower anode current & different pin out octal base, clean, chrome collar base tested and guarantee. Data: Vf=12.6v, if=562ma.	OB/WB	5.50 16 @ 5.00 40 @ 4.50
6900	NOS	Tung-Sol logo. Gold pin. Sometimes available. Ask Martin personally. 4 pieces.	OB	4 @ POA
6922	NOS	Amperex or other USA NOS. Gold pin. O getter.	OB/WB	80.00 4 @ 72.00
6922	NOS	Amperex or other USA NOS. Gold pin. D getter.	OB/WB	90
6922	NOS	These are 6922 ECG Philips logo. USA NOS. 50 pieces look the same. Matched pairs may be possible. Very attractive appearance.	GB	30.00 16 @ 25.00
6922	NOS	Electro Harmonix logo. Gold pin.	WB	15
6922	NOS	Electro Harmonix, Russian. Same construction as the popular Sovtek 6922. New, tested/guaranteed.	OB/WB	22.00 8 @ 20.00
6922	NOS	RCA, USA made. NOS. Hurry before they are sold out.	GVT	25
6922	NOS	Raytheon logo, USA. NOS, tested, guarantee and uniform.	GVT	25
6922	NOS	Russian. These tubes are the same as Sovtek 6922 but have plain print no Sovtek logo. New, tested/guaranteed.	WB	11.00 10 @ 9.00
6922	NOS	Sovtek Russian. New, tested/guaranteed. Some have Sovtek logo. 10 only.	WB	22.00 8 @ 20.00
6922	NOS	Sylvania logo, USA made. NOS. Grey pin. Similar to E88CC, ECC88 and 6DJ8. Uniform and clean.	OB/WB	30
6922	NOS	Sylvania logo, USA. NOS, tested, guarantee and uniform. Gold pin.	OB/WB	40
6922	NOS	Please refer to equivalent ECC88 for other brands.		
6922	GRADE 1	Amperex USA. Gold pin. D getter. G1.	OB/WB	110
6922	GRADE 1	Amperex USA. Gold pin. O getter. G1.	OB/WB	75
6922	USED	Amperex USA gold pin. Amperex white logo, believed to be 1960s made. Very rare. Used and tested.	WB	50.00 2 @ 45.00
6922	USED	Sylvania logo. USA made. Similar to E88CC, ECC88 and 6DJ8. Tested as Used. 65 -75 percent emission. Uniform and clean. 40 pieces identical.	Most OB	6.00 40 @ POA
6922 / ECC88	NOS	BILLINGTON GOLD, Slovakia, grey pins. With guarantee.	OB	10
6922 / 6H23N/ ECC88	NOS	Sold out. Please enquire.		POA
6939	NOS	Please refer to QQV02- 6 equivalent.		
6973 / 6DW5	NOS	These are 6DW5, B9A base. Sylvania USA NOS, printed Sylvania or Bogen. 6DW5 would replace 6973 but would need rebasing B9A base. Audio pentode. Data: http://tubedata.philipse.info/ if you have difficulty please contact our office.	WB	6.20 50 @ 4.00
6973 / 6EM5	NOS	RCA, Sylvania and Westinghouse, USA NOS with logo. Similarities to 6973 but not equivalent. 6973: Vf=6.3V, If=450ma, Va=250V, If=46Ma, S=4.8Ma/V, Pa=12W. 6EM5: Vf=6.3V, If=800ma, Va=250V, If=35Ma, S=5.1Ma/V, Pa=10W. More data http://frank.pocnet.net	Mostly OB	7.00 20 @ 4.00 70 @ 3.50

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
6973 / 6GZ5	NOS	These 6GZ5 are similar to 6973 but not equivalent.	Mostly OB	3.00
6973	NOS	RCA x 4 & Sylvania x 2 matched pair (GBP5.00 extra per tube). USA NOS, genuine version with acid etch. Tested/guaranteed with logo.	OB	60.00 6 @ 55.00
6973	NOS	Thermionic brand, USA manufacture. NOS. Not acid etch version.	OB/WB	10.00
6975	NOS	Thomson, made in France and other NOS manufacturers. Clean with guarantee.	OB/GVT	52.00 10 @ 50.00
6BE6 / 7750	NOS	USA NOS	OB/WB	11.00 32 @ 10.00
7003 / L7003	NOS	USA made, Matchelett or similar. New service. Approximately 10 or 20 years old. Tested. With guarantee.	GVT	4000
7025	NOS	4 RCA, 4 Sylvania. USA, NOS with logo. These are actual acid etch 7025.	Most OB	65.00 8 @ 55.00
7025	USED	5 RCA, 6 Sylvania. USA, used tested around 65 percent emission with logo. Guaranteed. These are actual acid etch 7025.	WB	30.00 5 @ 27.00 11 @ 25.00
7025	NOS	Equivalent to 12AX7 and ECC83 .		
7027A	NOS	RCA USA NOS.	OB/WB	60
7027A	GRADE 1	USA Grade 1.	OB	45.00 2 @ 44.00
7044	NOS	USA mix NOS. Partly similar to 5687.	OB/WB	30
7050 VISIO	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	POA
7056	NOS	Sylvania, USA. NOS. Big sharp cut off pentode. Potential audio tube. Data http://frank.yueksel.org/sheets/137/5/5647.pdf	OB	5.50 8 @ 4.50 50 @ 4.00
7062	NOS	Please refer to E180CC.		
6C4 / L77	NOS	MWT / Marconi British made. Black anode plate, square getter. Fully tested on AVO VCM 163.	OB	25.00 3 @ 20.00
7092	NOS	Equivalent to TB5/2500 = RS1046 = 3C/800E = B1153 = TB5-2500. Chinese new tested, guaranteed.	OB/WB	275
7094	NOS	USA NOS. RCA. Tested guaranteed.	OB/WB	35
7119	NOS	Equivalent to E182CC.		
7189	NOS	RCA logo and Sylvania logo. USA NOS. Usually available.	OB	35
7189A	NOS	Please use EL84 Billington Gold equivalent, Russian. Small quantity of 7189A USA sometimes available.	OB	15
7193	NOS	or 2C22 USA NOS. Audio type, like 6J5GT but different pin out. Data vf=6.3v, if=300ma, va=300v, ik=11ma, s=3ma/v, pa=3.3w.	GVT	5.00 80 @ 4.00
7199	NOS	USA NOS. RCA / others sometimes available. Tested guaranteed.	OB/WB	50
7199	NOS	Russian Sovtek NOS.	OB/WB	6 @ POA
7199 / 6AU8A	NOS	These are 6AU8A. NOS. GE, Sylvania, Tung-Sol, USA. Most have logo. You can buy on the Internet, adapters to convert 6AU8A into 7199. Data: http://tubedata.philipse.info/ if you have difficulty please contact our office.	GVT	3.00 10 @ 2.20 400 @ 1.80
7199 / 6GH8A	NOS	USA NOS with logo. Approximately 30 of each brand Zenith, GE, Sylvania and ECG. These are 6GH8A triode pentodes. They can work as a substitute for the rare 7199 by adding an adaptor that is sold in USA. You may receive tubes printed one of the following, all these are similar to: 6AU8, 6AU8A, 6GH8A, 6BH8.	OB	3.00 10 @ 2.20
7199	USED	USA including RCA and Westinghouse. Used, test approximately 65-75 percent emission. 3 month guarantee.	WB	21
7233	NOS	RCA, Sylvania or Raytheon logo. USA made. NOS, few only. Rare item.	OB/WB	25
7236 / 6080	GRADE ONE	Cetron Grade 1 USA. Equivalent to 6080.	OB/WB	54.00
7247 / 12DW7	NOS	NOS. USA includes RCA.	OB/WB	19
7247 / 12DW7	NOS	NOS. Mullard UK.	OB/WB	40
7247 / 12DW7	NOS	NOS. Telefunken.	OB/WB	POA
7289	NOS	Please refer to 2C39 .		
7308	NOS	Sylvania logo, grey pin, green logo, USA. NOS. 7308 acid etch.	OB/WB	60

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
7308	NOS	E188CC. USA NOS.	Most OB	POA
7308	NOS	Refer to 6922 E88CC, near equivalent.		
7308	USED	Amperex, USA gold pin. White print, believed to be 1960s made. PQ version. Very rare. Test as used.	WB	60
7308 / E188CC	NOS	These are 7308 Sylvania USA. Grey pin, green logo. NOS & tested.	WB	50
7308 / E188CC	USED	These are 7308 Sylvania USA. Grey pin, green logo. Test as used but look almost new.	WB	30.00 10 @ 26.00
7327	NOS	Sylvania + other USA NOS.	OB/WB	6.25
7355	NOS	RCA, Sylvania or Raytheon logo. USA made. NOS, these are partly similar to EL34 but not equivalent.	OB/WB	23.00 4 @ 20.00
7360	NOS	Various USA. NOS.	OB	36.00 20 @ POA
7370	NOS	RCA, Sylvania or Raytheon logo. USA made. NOS, these 7370 are very similar to 5687 but 7370 have higher anode current.	OB	6.00 30 @ 5.00
7370 / E182CC	NOS	10 x RCA, 10 x Sylvania, 10 x Westinghouse. USA made NO with logo. These 7370 are similar to E182CC, 7119, 5687 but 7370 have 40V heater.	OB	6.00 30 @ 5.00
7432	NOS	Refer to equivalent or near equivalent EF72, CV465, CV4501 & 5840. Those are all Mullard. Also refer to 5840 USA made. You will receive Mullard, UK CV465 or CV4501. NOS. A sub miniature pentode, wire ended. EF72 data: Vf=6,3V, If=150Ma.	GVT	500 @ POA
7433	NOS	Refer to equivalent or near equivalent CV466, CV4502 & 5840. A sub miniature pentode, wire ended.	GVT	POA
7433 / CV466	NOS	Please refer to entry "5840 / CV4502" for stock/prices.		
7435 / 6AL5	NOS	Bargain price audio diode! Mullard, UK. Please refer to CV4504, equivalent to EA76, for prices.	GVT	POA
7458	NOS	UK/USA NOS. Good quantities in actual physical stock. Please enquire.	Most OB	POA
7475	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	POA
7475 / VS70	NOS	Mullard, Valvo & other West European made NOS.	OB/WB	7.00 5 @ 6.00 100 @ 4.50
7486AL	NOS	GE made in USA. NOS. Good quantities in actual physical stock. Please enquire.	OB	30 @ POA
7534	NOS	Please refer to E130L, in stock.		
7581A	NOS	ECG Philips logo. USA NOS. 12 pieces look the same. Matched pairs may be possible. Very attractive appearance. Also 2 pieces GE NOS 7581A at the same price.	OB	85.00 4 @ 80.00 12 @ 70.00
7581A	NOS	NOS GE / other USA. An uprated substitute for 6L6GC. 2 of the same appearance. Electrical match pair, maybe possible for small extra fee.	OB	65.00 2 @ 60.00
7581A	USED	USA brands including GE. Used, tested and guaranteed. Decent appearance.	WB	32.00 4 @ 30.00
7581A	NOS	Equivalent to 6L6GC and 5881.		
7586	NOS	RCA, USA. NOS, clean, uniform. Guarantee. Audio type. Data: Vf=6.3V, If=135Ma, Va=110V, Ik=15Ma, S=11Ma/V, Pa=1W. Many audio applications, including microphones, eg AKG C12B, Philips LBB9060.	OB/WB	12.00 8 @ 9.00 40 @ 8.00
7586	GRADE 1	Mostly RCA, plus other USA made. A few Hitachi Japan. Refer to 7586 NOS paragraph, for audio applications. Do not look new but decent appearance. Tested and guaranteed.	G1	3.50 50 @ 3.00
7587	NOS	40 Sylvania, 40 RCA. USA. NOS, clean, uniform and guarantee. Audio Nuvistor. Sockets to fit from stock. Potential audio type. Might suit microphones. Data: Vf=6.3V, If=150Ma, Va=125V, Ik=10Ma, S=10Ma/V, Pa=2.2W	OB/GVT	7.00 8 @ 5.00 80 @ 4.75
7591A	NOS	4 pieces Amperex USA. All the same plus a small quantity other USA made NOS. Glass, genuine item.	OB	52.00 4 @ 50.00
7591A	NOS	USA made. NOS. Glass, genuine article. GE, RCA etc. These are singles not 2 of the same appearance. Hence reduced price.	OB/WB	90
7591A	USED	USA made. Glass. The original article. GE RCA etc. Used, not new, but tested, guaranteed. 2 pieces of the same appearance.	WB	45

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
7591A Replacement	NOS	USA made. This plug in replacement is a 6GM5 or 7868 plus base adapter, fits all 7591A sockets, with no electronic alterations necessary. NOS. Tested, guaranteed.	WB	32
7591A / 7591S	NOS	JJ logo made in Slovakia. NOS. Glass, genuine item.	OB	16.00 10 @ 15.00 20 @ POA
7609	GRADE 1	Eimac USA. Eimac logo, clean and guaranteed. These are a possible alternative, not equivalent to 4CX250B, but the 7609 have a 26.5v filament. Super low cost! Not of new appearance but are very clean. Tested as Grade One.	G1	24.00 100 @ 15.00
7643 / ECF80	NOS	Refer to E80CF.		
7643	NOS	Refer to E80CF.		
7687	NOS	Sylvania logo USA NOS. Similar to 7199 but different pin out. Data on request.	OB/WB	20.00 10 @ 16.00
7815	USED	or ML7815. USA made, brands include Eimac and Matchelett. Used ex-equipment pulls. Tested and guaranteed. Good appearance for a USED tube.	WB	8.00 100 @ 6.00 or offer
7815AL	NOS	USA NOS. Brands include Eimac.	OB/WB	80.00 35 @ 60.00
7815R	NOS	USA. Brands including Eimac.	OB/WB	80.00 17 @ POA
7854	NOS	Made in West Europe or USA NOS. We have good quantities in stock. Please enquire.	Most OB	POA
7868	NOS	USA. NOS. Pentode for juke boxes, etc. Most are Sylvania logo.	WB	35.00 4 @ 30.00
7868	GRADE 1	USA Grade One. Doesn't look new, looks decent. Tested around 80 percent emission approx and guaranteed. Sylvania, Raytheon etc. Sets of 2 the same appearance.	G1	26
7868	USED	Tested as used. Guaranteed. USA Westinghouse etc.	WB	18.00 4 @ 16.00
7895	NOS	USA brands, including Philips. Equivalent to 7586 but higher mu.	OB/WB	7.50 15 @ 5.00
7979	NOS	Raytheon logo, USA NOS. Flying lead, wire ended Philips.	GVT	10.00 10 @ 7.00 1,500 @ 6.00
8003	NOS	Please refer to equivalent, in stock, 2J-211-H.		
8005	NOS	RCA logo, 2 pieces same appearance. USA NOS. Tested, guaranteed.	OB	110.00 2 @ 105.00
8005	GRADE 1	Audio triode, 10v heater, 75w anode. USA, tested, used. Don't look new, but look decent. 2 pieces RCA, 2 pieces of the same appearance. Data: http://tubedata.philipse.info/ if you have difficulty please contact our office.	Old OB	80.00 2 @ 75.00
8020	NOS	Mixed brands. Mostly USA. NOS & guaranteed.	OB/WB	20.00 15 @ 17.50
8020W	NOS	USA, NOS.	OB/WB	22.00 10 @ 18.00
8042 / 4652	NOS	USA. NOS. Some similarities to 6146B, but not equivalent.	OB/WB	15
8056	NOS	50 RCA. USA. NOS, guaranteed Audio Nuvistor. Sockets to fit from stock. Data: http://tubedata.philipse.info/ if you have difficulty please contact our office.	OB/GVT	4.00 5 @ 4.00 30 @ 3.50
8058	NOS	RCA. USA. NOS, guaranteed Audio Nuvistor. Data: http://tubedata.philipse.info/ if you have difficulty please contact our office.	OB/WB	12.00 16 @ 11.00
8068	NOS	GE or Raytheon, USA NOS.	OB	40
8068	GRADE 1	GE or Westinghouse logo USA made. Tests as Grade One at 80 percent emission. Guaranteed.	G1	20.00 20 @ 16.00
8082	NOS	GE USA. Potential audio type. Data: Vf = 6.3V, If = 240Ma, Va = 150V, Ik = 7.5 Ma, S = 10.5Ma/V, Pa = 1W. More data from GE "essential" book or our office.	GB	30.00 4 @ 27.50
8083	NOS	8083/other USA made. Potential audio type. Data: Vf = 6.3V, If = 240Ma, Va = 150V, Ik = 7.5 Ma, S = 10.5Ma/V, Pa = 1W. Data https://frank.pocnet.net/sheets8.html More data from GE "essential" book or our office.	GB	30.00 4 @ 27.50 20 @ 25.00 Offers considered
8102	NOS	Hundreds of UK or USA NOS in stock.	Mostly GVT	1.00 100 @ 0.70
8121	NOS	USA NOS.	OB/WB	50
8203	NOS	These 8203 are similar to 6CW4. USA made. Suitable for audio tuners. Similar to 6CW4 but has different pin out. All other data identical. Data filament 6V at 0.16 Amps, Ia=7Ma, Gm=6Ma/V. More data free on request.	OB/WB	12.00 4 @ 11.00 16 @ 10.00

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8203	Grade 1	These 8203 are similar to 6CW4. USA made. Not new, but tested & decent appearance. Suitable for audio tuners. Similar to 6CW4 but has different pin out. All other data identical. Data filament 6V at 0.16 Amps, Ia=7Ma, Gm=6Ma/V. More data free on request.	G1	9.00 4 @ 8.00 100 @ 6.00
8233	NOS	Equivalent to E55L.		
8255	NOS	Refer to E88C.		
8334	NOS	Made in UK or USA NOS. We have good quantities in stock. Please enquire.	Most OB	3.00 Bulk @ POA
8393 / 7586	NOS	These 8393 are a 13v heater version of the 7586 Nuvistor. USA. NOS, clean, uniform. Guarantee. Audio type. These are 8393 13v heater.	Most OB	8.00 15 @ 7.00
8416	NOS	Amperex USA. Gold pin NOS tested. Guaranteed. 4 pieces maybe available.	OB/WB	45.00
8416	GRADE 1	Amperex USA. Used not new but very clean, but tested to Grade One standard. Guaranteed. 2 pieces look the same.	G1	20
8417	NOS	Guide price, NOS GBP100 wholesale, (used version, half this price).	OB/WB	POA
8417	NOS	If you are an experienced technician, you may be able to change capacitors and circuit, to use 6Y6G KT88 in place of 8417.	OB/WB	POA
8417 / 6GB8	NOS	6GB8 usually replace 8417. For data please enquire. 6GB8 listed elsewhere in this catalogue.	OB	75.00 4 @ 60.00
8493	NOS	ITT USA NOS guaranteed. Available from our supplier.	GB	POA
8503	NOS	EEV, UK CV6022. NOS and tested with guarantee.	GVT	400
8533	NOS	Matchlett and other USA. NOS. Tested and very clean with 12 months guarantee.	OB	150
8552	NOS	Raytheon logo USA, NOS. like 6146b but not equivalent. Data www.tubedata.org	GB	10.00 40 @ 7.50
8560A	NOS	Eimac USA NOS. 6 month's guarantee.	GVT	66.00 5 @ 60.00
8608	NOS	Mullard, logo, UK / Holland NOS. This is a gold pin audio pentode, the same as E55L except that these 8608 have the anode connected to the top cap. Some similarities to EL34 but has a slope of 45Ma/V. B9D socket to fit from stock. Data www.tubedata.org	GVT	24.00 5 @ 22.00
8608	USED	Mullard/Amperex Holland. This is a gold pin audio pentode, the same as E55L except that these 8608 have the anode connected to the top cap. Used and tested. Refer to data & comments under 8608 NOS above.	WB	12.00 6 @ 10.00
8613	NOS	Thyratron ITT tube. NOS, 12 months guarantee. Several in stock.	GVT	350.00 6 @ 300.00
8745	NOS	Eimac / GE USA. Guaranteed.	GVT/WB	80
9001	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	5.00 Bulk @ POA
9002	NOS	RCA logo, USA. NOS. Audio type similar to 6J5G but 9002 has B7G base.	Most OB	4.00 50 @ 3.50
9003	NOS	Various brands, USA manufacture. Acorn tube.	GVT	4.00 50 @ 3.00
9004	NOS	RCA USA manufacture.	GVT	4.00 100 @ 3.20
9006	NOS	RCA, USA. NOS.	OB	3.00 6 @ 2.50 140 @ 2.00
9514	NOS	Made in West Europe or USA NOS. We have good quantities in stock. Please enquire.	Most OB	POA
8931	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	174.00 Bulk @ POA
13971	NOS	GE USA. Planar Triode. NOS. Contact us for data.	OB/GB	600.00 20 @ POA
13971-2	NOS	GE USA. Planar Triode. NOS. Contact us for data.	OB/GB	600.00 30 @ POA
18015		Part of the C3M, 408A, C3E, C3O, 5A-152M, 18042 family. These are all near equivalent, or same tube but different heater/base.		
EF86 / 18015	NOS	These are 18015 Philips logo NOS. West European made. ST shape. The following types are all audio pentodes with similar characteristics. Either near equivalents to each other, or 'the same' as each other, but different pin out, or base, or heater voltage. EF86, EF83, 5A-152M, 18042, C3G, E8, 18015, RTR4341. Data on request. Large B7 SOC7PT4C socket, from our stock, is suitable.	OB	7.00 16 @ 5.00 60 @ 4.00 200 @ POA

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
18042	Info	The following types are all in the same family. All audio pentodes with similar characteristics. Some are near equivalents to each other. Some are "the same" as each other but different pin out, or base, or heater voltage. A good opportunity if you build equipment or collect useful audio types for the future. 5A-152M, 6 volt heater, loctal B8G base. Data https://frank.pocnet.net/sheets51.html 5A-152G = 18042 = C3G = E83F = EF83. Good quantities in stock. Ask for relevant data.		
18042		Part of the C3M, 408A, C3E, C3O, 5A-152M, 18015 family. These are all near equivalent, or same tube but different heater/base.		
18042 / E83F	NOS	These are 18042 audio pentode. Valvo logo made in West Germany or Holland. NOS. Gold pin. 18042 is an 18 volt heater version of E83F Philips mesh anode. Apart from the different heater voltages, this is very similar to C3G, 5A-152M, EF83 ETXC. Data https://frank.pocnet.net/sheets13.html	WB	5.00 10 @ 4.00 150 @ 3.00
18046	NOS	Valvo logo gold pin Holland. A long life AUDIO pentode suitable as audio output valve or pre-amplifier. Data – Vf =20, If=135, Va max=210, Ik max=30, S=12, Pa max.=4.5 18046 (18v heater) is very similar to E81L (6V heater). 10,000 hour life rating. Data www.tubedata.org	Mostly OB	4.00 20 @ 3.50
68506	NOS	EEV, UK, NOS. 3 pieces. Rectifier for battery chargers. Some similarities to type 367.	GVT	70
A101	NOS	Dekatron Nixie Russian. NOS.	WB/OB	7.00 20 @ 5.50
A901 / CV1722	NOS	An audio tetrode. GEC sticker, brown base, "Coca-Cola" bottle shape. Data/photo www.r-type.org/exhib/acl0245.htm	GB	52.00 8 @ 40.00
A901 / CV1722 / POVT179	NOS	GEC UK NOS tetrode valve / electron tube. Data https://frank.pocnet.net/other/ServiceTypes/CVnumbers.htm ml GEC sticker, brown base, "Coca-Cola" bottle shape. Data/photo www.r-type.org/exhib/acl0245.htm	GBox	36.00 20 @ 29.00
A907 / CV1722	NOS	Made in West Europe or USA NOS. We have good quantities in stock. Please enquire.	Most OB	POA
A1714 / CV408	NOS	Audio triode. GEC sticker, UK NOS. Clean and guaranteed. These A1714 single triode are similar to half of E288CC but different base & internal resistance. A1714 is B7G base and a useful audio triode. E288CC sell for well over GBP80.	Most GVT	8.00 10 @ 6.00
A1820	NOS	Audio tube. GEC UK NOS. tested guaranteed.	GVT / WB	10.00 6 @ 7.75
A1834	NOS	Please refer to equivalent 6AS7 .		
A2134	NOS	Equivalent to CV4062 .		
A2134 / EL84	NOS	GEC UK, please refer to CV2179.		
A2272	NOS	Hi voltage audio rectifier. Similarities to 6D22S and EY84. Sockets (SOC950) to fit from stock. GEC sticker. UK NOS, clean, uniform and guarantee. A half wave rectifier diode. Data/photo www.r-type.org/xtras/xtra00282.htm Vf=6.3V, If=1600Ma, Va=5500V, Ik=100Ma. www.frank.pocnet.net	OB/WB	16.00 50 @ 9.00
A2293	NOS	GEC sticker. UK NOS. Printed CV4079. O getter. Black anode. Similarities to GEC 6080.	Most GVT	12.00 10 @ 11.00 25 @ POA
A2293	NOS	GEC sticker. UK NOS. Printed CV4079. Square getter. Black anode. Tall size	Most GVT	29.00 10 @ POA
A2293	GRADE 1	GEC sticker. UK. Test as Grade 1. Very small stains in the glass. O getter. Similarities to GEC 6080. Data in above section.	GVT	7.5
A2293	USED	GEC sticker. UK. Test as used (approx 65 percent emission). O getter. Similarities to GEC 6080. Data in above section.	GVT	5
A2293 / CV4038	NOS	These CV4038 black anode. UK. NOS. They are equivalent to A2293 / CV40709 but are wire ended, flying lead. Military print, by GEC or Brimar. Similar to a half of a GEC 6080. 100 pieces. Data www.r-type.org/exhib/aaa0258.htm	GVT	10.00 10 @ 6.00 200 @ 4.00
A2426	NOS	Please refer to CV2231 near equiv. A2426 is octal m, CV2231 is B9A. These 2 are equivalent in all other ways.		

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
A2426	NOS	GEC sticker UK. NOS, CV4082. Photo/data, refer to other A2426 section below. Beam Power Tubes. They make great drivers for 211 and 845 tubes, if the A2426 is in triode mode.	GVT	18.00 8 @ 13.00 40 @ 8.00
A2426	USED	GEC logo UK. CV4082. Look slightly used, many test near new. Data from our office. 16 pieces.	WB	10
A2426	GRADE 1	GEC logo UK. CV4082. New, unused, military box. Some stains in the glass where they were tested or stored. If you don't mind cosmetic imperfections that don't matter, you can save a lot compared to new price. Test as new!	G1	12.00 10 @ 10.00
A2521	NOS	GEC, UK NOS. A2521 is similar to 5842 / 417A, though not equivalent. A2521 data http://www.r-type.org/exhib/abn0004.htm 5842 data http://www.r-type.org/xtras/xtra01401.htm	OB/WB	10.00 10 @ 6.50 50 @ 5.75
A2521	NOS	Equivalent to CV2453.		
A2563	NOS	GEC/MWT UK manufacture.	OB	15
A2599	NOS	GEC logo or sticker, UK. NOS. Audio triode partly similar to 5842. Data: Vf=6.3V, Va=150V, Ik=16Ma, S=15Ma/V.	GVT	20.00 32 @ 8.00
A2674	NOS	GEC Sticker, UK. NOS. For data and more info please see the "436A" entry in this catalogue.	GB	68.00 8 @ 58.00
A2674	GRADE 1	GEC Sticker, UK, NOS. For data and more info please see the "436A" entry in this catalogue.	G1	50.00 8 @ 45.00
A2900	NOS	A2900 A2900/CV6091. "KB/Z" UK made NOS. Black welded plates, triple mica, square getter. Fully tested on AVO VCM 163.	Gbox	330.00 4 @ 300.00
A2900	NOS	A2900/CV6091. GEC UK made. NOS. Black anode. Disc getter or ring getter.	OB	145.00 2 @ 140.00 4 @ POA
A2900	GRADE 1	GEC, UK Grade One. Guide price GBP115.00 wholesale.	G1	POA
A2913	NOS	GEC logo UK NOS. CV5413 / A2913 is special quality low noise amplifier triode. B7G base. Anode dissipation 2.5 watts. Low noise is obtained by running at higher anode current. CV4107 is equivalent to A2913. CV4107 data http://frank.pocnet.net/other/ServiceTypes/cv4-4/CV4107.pdf	GVT	5.00 100 @ 4.00
A2975 / CV10813	NOS	Audio triode. GEC sticker, UK NOS. Clean and guaranteed. These A2975 are similar to A714 single triode but A2975 are somewhat lower emission. Also similar to half of E288CC but different base & internal resistance. A2975 is B7G base and a useful audio triode. E288CC sell for well over GBP80.	OB/WB	8.00 16 @ 6.00
A3283	NOS	GEC sticker, UK NOS. Audio pentode.		17.00 20 @ 15.00
A3341	NOS	Hundreds of UK or USA NOS in stock.	Mostly GVT	8.00 100 @ 6.00
A3343	NOS	GEC, UK. NOS. Mint condition. Equivalent to DET23 & CV354. A3343 is a glass disc seal, high transconductance broadband triode. For details: http://www.r-type.org/pdfs/det23.pdf .	GVT	10.00 500 @ 8.00
Aa	NOS	West European NOS. Guide price GBP50 wholesale.		POA
AC701	NOS	NOS, Telefunken West German. Ulm factory. For vintage microphones eg Neumann KM54, Schoeps M221B etc. Red dot tube, NOS. Our supplier plugged these into test equipment. Therefore the wires have small pieces of solder. Guide price GBP500 wholesale, if available.	WB	POA
AC701	GRADE 1	Telefunken. Tested Grade One. Look decent, do not look new. Test 80 percent emission or more. Guaranteed. Guide price GBP300.	G1	POA
AC701	USED	Telefunken. Used not new looking. Tested working, 4 pieces.	WB	POA
AC701K	GRADE 1	Telefunken. Grade One. Tested. Guide price GBP 450.	G1	POA
AC701 / 5718	NOS	Thomson, logo NOS. Clean and guaranteed. These are 5718. 5718 can replace the super expensive and rare AC701, you need to adjust the heater voltage, and pinout. We can provide data sheets etc, but you would need to be a qualified test technician or similar, to carry out necessary adjustments. We cannot advise on adapting individual microphones. 5718 heater 6.3v at 150Ma, anode 13ma. Mutual conductance 6.5ma/v. Data: 5718 – Vf=6,3V, If=150Ma, Va=100V, Ik=22Ma More 5718 Photo www.radiomuseum.org/tubes/tube_5718.html	OB	4.00 10 @ 2.80 50 @ 2.50 600 @ 2.00

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
AC113	NOS	Also AC154, AC157, AA120 UK/US NOS.	OB/WB	800 @ POA
AC / HL	NOS	Equivalent to MH4. Mazda UK NOS. Shouldered shape GBP 28.00. Balloon shape GBP 65.00.	OB/WB	28.00 or 65.00
AC-P	NOS	Equivalent to ML4. Mazda or other UK. NOS shoulder shape. Straight shape GBP 36.00 Balloon shape GBP 66.00 Very rare but a few pieces usually in stock.	OB/WB	36.00 or 66.00
AC-P1	NOS	Mazda UK NOS equivalent to ML4. Audio triode. Balloon shape. Data: http://tubedata.philipse.info/ if you have difficulty please contact our office.	OB/WB	75
AC-P4	NOS	Mazda UK NOS. Some printed CV1198. Audio triode. Data: http://tubedata.philipse.info/ if you have difficulty please contact our office.	OB/WB	25
AC-PEN	NOS	Or its equivalents: CV1674, AC/PTA, MPT4, MP/PENA, PEN4VA NOS valve tube. UK NOS from stock.	OB/WB	12.00 10 @ 10.00 60 @ 9.00
AC-PEN	NOS	MOV UK NOS. Audio tube. Please specify 5 pin or 7 pin version, both same price: Straight shape GBP 10.00 Balloon shape GBP 30.00 Several in stock. Data http://www.r-type.org .	OB/WB	10.00 or 30.00
AC-PEN	USED	MOV UK. Used, tested. Shouldered shape. Please specify 5 pin or 7 pin version, both same price. Audio pentode.	OB/WB	7.5
AC-PTA	NOS	UK NOS. Audio output valve.	OB/WB	10
AC-SP3A	NOS	Brimar/Ediswan/Mazda UK NOS. Seen in BBC audio amplifiers. Some are AC/SP3/RHA which is low noise version of AC/SP3/A.	OB	16.00 12 @ 14.00
AC-SP3A	USED	Brimar/Ediswan/Mazda UK used/tested. Suits BBC audio amplifiers. Some are AC/SP3/RHA which is low noise version of AC/SP3/A.	OB	8.00 12 @ 6.00
AC-VP1	NOS	Mazda, UK. NOS. Shouldered shape. Large British 7 pin base. Audio mains pentode. Data http://www.r-type.org/exhib/aaa0320.htm	OB/WB	6
AC2	NOS	West European made. Some NOS some used. Stock. Please enquire or make offer.	OB/WB	Please make an offer
AC2-HL / MH4	NOS	These AC2/HL Mazda's are a near equivalent to MH4. Balloon shape. An indirectly heated audio triode.	OB/WB	27.50
AC2-PEN	NOS	West European made. Some NOS some used. Stock. Please enquire or make offer.	OB/WB	25.00 8 @ POA
AC2 / PENDD	USED	Mazda UK made. Used and tested. Please enquire for price.	OB/WB	In stock POA
AC5-PEN	NOS	UK made, NOS.	OB/WB	25.00 4 @ POA
AC5 / PENDD	NOS	Mazda. UK made. NOS. Please enquire for price.	OB.WB	In stock POA
ACO42	NOS	or 2P Cossor UK NOS. Tested and guaranteed.	OB	180
ACO44	NOS	Mazda, UK NOS. Thin shouldered shape. Some are printed PP3/250. Limited quantity.	OB/WB	200
ACO44	NOS	Mazda, UK used tested, approximate 65 percent emission. Thin shouldered shape. Some are printed PP3/250. Limited quantity.	OB/WB	100
ACO44	NOS	Mazda, UK. Test below the proper standard (about 50 percent emission) hence the low price. Still useful in some radios etc. Thin shouldered shape. Some are printed PP3/250. Limited quantity.	OB/WB	75
ACO64	GRADE 1	Mullard, UK made. Thin shouldered shape. 1 only. Tests near new, but looks partly used, sold as Grade 1. It is very similar to an ACO44 but ACO44 emission is 5 ma/v, ACO64 emission is 3ma/v. Data http://www.r-type.org/equivs/weba.htm	G1	150
ACT9	NOS	Equivalent to 3J/121E, CV28, BVR152B. In stock. UK NOS.	OB/WB	Offers please
ACT28	NOS	UK NOS. CV2163. CV5326. Tested and guaranteed.	OB	335.00 15 @ 300.00
AC-TH1	NOS	Mazda logo UK. SLIGHTLY store soled but NOS guaranteed. Near equivalent to X41.	OB	3.50 100 @ 2.80
AD1 / AD1N	NOS	Tungfram Hungary and Tesla Czechoslovakia. Clean, tested and guaranteed.	OB/WB	150
AD101	NOS	Telefunken logo, NOS.	OB	160
AD1N	GRADE 1	Tesla Czechoslovakia. Tested as Grade One.	G1	120
AF7	NOS	See 6J7G / AF7 for prices and information.		
AL4	NOS	UK/USA NOS. Good quantities in actual physical stock. Please enquire.	Most OB	POA

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
APV4	NOS	Tungsram made in England. NOS. This is an audio rectifier, equivalent to MU14.	OB/WB	20
AL60	NOS	Mullard, logo, Holland. NOS. Audio pentode. Tube data: Vf=4.0V, If=2100ma, Va=500V, IK=90Ma, S=14Ma/V, Pa=18W. Socket to fit AL60 is in stock, our ref SOC7PT4C.	OB/GVT	22
ARP3	NOS	Marconi logo. USA/Canada. NOS. Socket to fit these usually in stock.	OB	3.25 200 @ 2.50
ARP12	NOS	Equivalent to VP23 and CV1331. UK NOS. EMI or Mazda. Audio pentode. Mazda octal socket to fit these usually in stock. Sockets made in China, reference SOC89MA or similar reference.	Mostly GVT	8.00 10 @ 7.00 50 @ 6.00
ARTP2	NOS	Mazda UK. NOS. Believed to be a triode pentode frequency changer for battery operated receivers. Believed to be equivalent to TP25. TP25 photo http://www.r-type.org/exhib/aaa0700.htm	GB/WB	4.25 100 @ 3.50
AT20 / MZ05-20	NOS	Very similar to PX4, but 6v heater. Directly heated audio triode. Mazda UK made NOS. Bulbous shape. For Shindo Lagrange and other high-end amplifiers. Heater is 6v @ 1000mA, anode is 600v @ 110 mA, S=4.2 ma/V, Pa=20w. PDF data http://www.r-type.org/exhib/zaa0292.htm Schematic for AT20 amplifier http://tubeschematics.blogspot.com/2013/02/se-at20-417a-amplifier.html The schematic shows AT20 and 417A/5842 tubes in circuit. 417A Raytheon or west electric tubes usually in stock.	GB	250.00 4 @ 200.00
ATP4	NOS	Mazda logo, UK NOS.	OB	9
Audio Amplifier	NOS	Please refer to CV57 for an audio amplifier that our consultant has built.		
AX50	NOS	Out of stock, please enquire.		POA
AZ1	NOS	Mullard logo, West European made. NOS. Tested. Shoulder shape. Guaranteed.	GB	25.00 16 @ POA
AZ1	NOS	Tesla logo, NOS, tested guaranteed. Czechoslovakia. Some are made by Tesla, but with Triotron logo. Audio rectifier. Sockets to fit are in stock.	OB	10.00 25 @ 8.60
AZ1	GRADE 1	East European, NOS. Sockets in stock (Ref. 8SC).	OB/WB	7
AZ11	NOS	Telefunken, West German. NOS. With logo. Tested and guaranteed. 6 pieces. Sockets to fit in stock.	OB/WB	25
AZ12	NOS	Mixed East European manufacture.	GVT	8.4
AZ12	NOS	Philips West European NOS. Near equivalent to 1561, RGN2004. Tested and guaranteed. Sockets to fit in stock.	OB/WB	20.00 8 @ 15.00
AZ12	NOS	Telefunken and other West European NOS. Tested and guaranteed. Sockets to fit in stock.	OB/WB	40
AZ21	NOS	Siemens logo NOS. Tested guaranteed. Clean shiny appearance. Made in Austria, West Europe. Octal base. Useful audio rectifier with similarities to AZ1, AZ31 and AZ41. Follow the links at https://frank.pocnet.net/vademecum1.html	WB	25
AZ21	GRADE 1	Tungsram Hungary Grade 1. Tested guaranteed. Audio rectifier with similarities to AZ31 and AZ41.Data above.	G1	25
AZ31	NOS	Mullard, Western European.	OB/WB	20
AZ31	GRADE 1	Mullard, UK made. Tested and guaranteed.	OB/WB	15.00 5 @ 10.00
AZ31	USED	Mullard, logo. UK made. Used but tested. Decent appearance and guaranteed.	WB	10.00 4 @ 8.70 10 @ 8.00
AZ41	NOS	NOS. West European made, mostly Valvo, a few Phillips. Tested and guaranteed with logo. AZ41 has ratings similar to 6X4, but AZ41 has 4 volt directly heated filament and B8A socket.	OB/WB	10.00 20 @ 8.00
B36	NOS	NOS MOV metal base GBP90 wholesale. NOS MOV brown base GBP40 wholesale.	OB/WB	POA
B36	GRADE 1	MOV metal base GBP65 wholesale. MOV brown base GBP30 wholesale.	G1	POA
B36	GRADE 1	MOV metal base. Does not look new but looks decent. Tested to Grade One standard. 2 pieces same appearance available. With logo/sticker.	G1	65

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B36	USED	MOV metal base. Does not look new but looks decent. Tested as used. Meaning emission approximately 65 or 75 percent. 2 pieces same appearance might be available. With logo/sticker.	WB/OB	45
B4	NOS	UK NOS. 1 only of this valve. An antique dull emitter made before 1926. Balloon shape. Mentioned in "British radio valve" book by Keith Thrower.	WB	40
B65	NOS	Marconi logo UK NOS, metal base. All 3 are grey glass.	OB/WB	660.00 3 @ POA
B65	NOS	Marconi logo UK NOS, black base. 1 is grey glass & 1 is clear glass.	OB/WB	250.00 2 @ 225.00
B-5991	NOS	USA made Burroughs nixie tube NOS. Believed to be equivalent to 8422 NL8422, B5661 B5991. Offers considered. Data https://frank.pocnet.net/sheets/201/8/8422.pdf More data on request.	OB	17.50 36 @ 15.00
B-5992	NOS	USA or UK. Nixie tube NOS – when available. Data on request.	OB/WB	POA
B-59956	NOS	USA or UK. Nixie tube NOS – when available. Data on request.	OB/WB	POA
BA	NOS	Siemens. Shoulder shape. When available.	OB/WB	14
BAS / PTT2S	NOS	RT logo, French balloon shape.	OB/WB	16.00 20 @ POA
BASES	NOS	See TOP CAPS and SOCKET pages at the back of the catalogue.		
Bi	NOS	RWN Made by RFT East Germany ST shape. Minor marks due to storage. This is suitable as a driver for PX4.	WB	40
BK66 / 5550	NOS	Ignitron UK, NOS. Tested, guaranteed.	WB	120
BL63	NOS	CV1102 UK NOS. GEC/Marconi/ MWT. Similar to ECC32 but differences including pin out.	OB/WB	80.00 4 @ 70.00
BL63	GRADE 1	CV1102 UK NOS. GEC/Marconi/ MWT. Similar to ECC32 but differences including pin out.	G1	55.00 4 @ 45.00
BL63	NOS	UK. NOS.	OB/WB	POA
BR1106	NOS	Partly similar to 5924, TY7-6000 but not equivalent. EEV, UK NOS. Forced-air cooled Triode. Data Vf=5V, If=175 A, Va=6KV, Ia=1A, U=26-34. Offers invited.	GVT	400.00 5 @ 350.00
BT5	NOS	BT5B, UK NOS.	OB/WB	POA
C3C	NOS	Siemens logo, West German. NOS. 4 volt audio pentode, partly similar to C3G, but not equivalent. A good driver for 300B etc. Possibly 20 pieces. We have correct sockets in stock (refer SOC7E2D). Data https://frank.pocnet.net/sheetsC.html	OB/WB	16.00 20 @ 12.00
C3G	NOS	Please refer to 5A-152G possible alternative.		
C1148	NOS	EEV UK NOS tetrode. Tested. Lots of power for audio amplifier at a low cost. Guaranteed. Sockets to fit in stock. Brief data, heater 6.3V 4.4A, 40W anode dissipation.	GVT	75.00 25 @ 55.00
C1166	NOS	EEV, UK NOS. Superb quality with 12 months guarantee. Has similarities to 4PR60C, but is not equivalent. Data on request.	OB/GVT	55.00 5 @ 40.00
C3G	NOS	Siemens, Germany. 4 or 5 pieces in stock. Hurry will soon be gone!	OB/WB	35
C3M	NOS	Siemens logo, West German. NOS. A good driver for 300B. A circuit with C3M and 300B is in Glass Audio, edition 198.	OB	20.00 8 @ POA
C3M		408A, 5A-152M, 18015, 18042, RTR4341 = different heater/base. Otherwise the same tube.		
C3M		Part of the 6028, 408A, C3E, C3O, 5A-152M, 18015, 18042 family. These are all near equivalent, or same tube but different heater/base.		
C3M	NOS	Refer to E81L for suitable driver. E81L is a driver for C3M.		
C3M	GRADE 1	Siemens logo, West German. Test as Grade One. Not new but decent appearance.	G1	15.00
C3M	USED	Siemens logo, West German. Test as used. Not new but tested & guaranteed. A good driver for 300B. Audio circuit using C3M and 300B is in glass audio, edition 198.	WB	10.00 2 @ 7.00 40 @ 6.00
C6J	NOS	Thyratron USA. NOS Guaranteed. Several in stock - we are told that C6J is equivalent to 5685 & 5C21.	Most OB	50.00

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C6JF	NOS	Thyratron USA. NOS with 3 months guarantee.	Most OB	60.00 80 @ 50.00
C1150	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	POA
CA / 18028 / RE134	NOS	These are balloon shape 18028, Valvo logo, West German. Directly heated triode. NOS tested guaranteed. These 18028 are very similar to RE134 or CA 18028, heater is 3.6v at 1.1 A, RE134 is 4v at 150mA. Anode dissipation for 18028 is 5w, RE134 is 3w. Slightly different heater is no problem, 18028 replaces RE134, no problem. Data: http://tubedata.philipse.info/ if you have difficulty please contact our office.	GB	120.00 4 @ 100.00 each
CAPACITORS	NOS	We sometimes have "job lots" of capacitors. Please enquire.		
CATHODE RAY TUBES	NOS	Certain types in stock. Please enquire.		
CCS1	NOS	GEC/Eimac. CCS1=Y-799 is equivalent to 4CX250B. CCS1 has a large copper block instead of radiator fins. Ideal audio power amplifiers, high current, cool using a heat sink. No retail surcharge.	OB/WB	30
CD24	NOS	Rodan Nixie tube. Out of stock, please enquire.	OB/WB	POA
CK5678	NOS	Please refer to 5678.		
CL33	NOS	UK NOS. Please refer to equivalent PEN36C.		
CL33	NOS	Mullard UK NOS.	OB/WB	12.00 10 @ 10.00
CR3A	NOS	Made in West Europe or USA NOS. We have good quantities in stock. Please enquire.	Most OB	POA
CV18	NOS	Equivalent to 2C34 and DET19.		
CV31	NOS	West European.		POA
CV57	GRADE 1	GEC UK tested as grade one. Guide price GBP22.50 wholesale.	G1	POA
CV57	USED	GEC UK. Tested as used. Guarantee. Guide price GBP15 wholesale.	BP	POA
CV63	NOS	GEC UK NOS. GEC audio triode. Also known as E1323. Photo/data: http://www.r-type.org/exhib/aac0018.htm CV63 is near equivalent to 2C22, 7193, CV6, CV1135, DET20, E1148 & VR135. Ask us for data sheet for both types (CV63 and 2C22).	OB/WB	20.00 10 @ 16.00 30 @ 14.00 100 @ 12.00
CV90 / E1368	NOS	GEC VHF triode. Collector's item from the 1940s. 10 pieces. Great data/photos http://www.r-type.org/exhib/abo0044.htm	OB	10
CV121	NOS	Ediswan UK rectifier. Equivalent to 19H1 and possible alternative, not equivalent to U19 . Potential audio type.	GVT	4.80 100 @ POA
CV124	NOS	Equivalent to 807 .		
CV140	NOS	Please refer to equivalent CV4025 .		
CV187	NOS	Please refer to equivalent U19 .		
CV233	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	POA
CV238	NOS	UK NOS. A S Band klystron. 2.93 - 3.13 GHz. Near equivalent KR6/3. For airborne Radar. The resonator (like anode) operates at 250v. The electrical tuning range is 20 MHz. Near equivalents include KR6/3, CV116, CV272 CV35 CV67	GVT	13
CV273	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	POA
CV315	NOS	Please refer to 4304C .		
CV345	NOS	Refer to 12E1.	OB	POA
CV358	NOS	Please refer to EF37A .		
DISPLAY ITEM CV360 or CV6173	NOS	UK, probably NOS unused item but without guarantee. Possibly working. Photographs on request. Interesting "string vest" appearance. Would make great display pieces.		15.00 10 @ 12.00
CV367	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	POA
CV372	NOS	EEV UK made NOS. Please see 3C45 EEV.	OB/WB	40
CV372	NOS	Westinghouse logo, NOS. No certainly as to which country this was made in. Clean and tidy. Guarantee is 12 months from despatch date. Equivalent to FX227 and 3C45.	OB/WB	25.00 50 @ 20.00
CV391	NOS	Please refer to 5B-255M exact equivalent.		
CV425 / OA74	NOS	Semi-conductor made in UK/USA in stock. Equivalent to OA74, UK NOS transistor.	OB/WB	3.00 500 @ 2.00

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
CV428	NOS	Equivalent to 5B-254M ITT/STC brands.		
CV434	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	POA
CV450	NOS	EL38 Mullard, equivalent to 6CN6. Please refer to EL38 for prices and quantities.		
CV455	NOS	Equivalent to ECC81 .		
CV465		Equivalent to EF72.		
CV466	NOS	Mullard UK NOS. These CV466 are sub miniature wire ended audio pentodes. Good quantities available. Please enquire. CV466 are similar to 5840 but not exact equivalent. Would suit audio compressors.	GB/WB	5.00 10 @ 4.00 100 @ 3.00
CV466	NOS	CV466 equivalent to VX8046.		
CV472		Equivalent to 7434, CV476, CV4503, VX7106		
CV476		Equivalent to 7434, CV472, CV4503, VX7106		
CV491	NOS	Equivalent to ECC82 .		
CV492	NOS	Equivalent to ECC83 .		
CV509	NOS	Equivalent to 6V6G .		
CV511	NOS	Equivalent to 6V6GTB .		
CV574	NOS	Refer to 6X5GT .		
CV575	NOS	Equivalent to 5U4G .		
CV587	NOS	Please refer to 6Q7G .		
CV591	NOS	Please refer to 6SJ7 .		
CV717	NOS	Equivalent to 5R4GY .		
CV729	NOS	Equivalent to 5V4G .		
CV784	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	POA
CV850	NOS	Equivalent to EF95 .		
CV858	NOS	Equivalent to 6J6 and ECC91 .		
CV980	NOS	UK NOS. A protective arrestor.	GVT	11.00 10 @ 9.00 80 @ 7.00
CV1035/VR35	NOS	Hundreds of UK or USA NOS in stock.	Mostly GVT	POA
CV1053	NOS	Please refer EF39 Mullard.		
CV1060	NOS	Equivalent to 807 .		
CV1075	NOS	Equivalent to KT66 .		
CV1111 / VU111 / R11	NOS	Please refer to U27 equivalent.	Mostly GVT	
CV1166	NOS	UK, NOS, Tested like VR22.	GB	20
CV1197	NOS	Refer to EC53 Mullard.	OB/WB	POA
CV1236	NOS	Made in West Europe or USA NOS. We have good quantities in stock. Please enquire.	Most OB	POA
CV1264	NOS	West European.		POA
CV1281	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	POA
CV1290	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	POA
CV1343	NOS	GEC UK NOS CV1343. Octal base. Please ask for free data sheet.	GVT	12
CV1347	NOS	Please refer to equivalent ECH35 .		
CV1473	NOS	Photocell CMG22. UK USA NOS.	OB	20 @ POA
CV1501	NOS	GEC. We have stock. Please refer to TT11 / VT501 elsewhere in this catalogue.	GVT	POA
CV1587	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	POA
CV1651	NOS	Equivalent to VT68 UK, or G445. B4 base, audio triode x 10 B4 base audio triode. Mullard, logo UK NOS. Data from our office.	Most GB	30.00 10 @ 23.00 24 @ 20.00
CV1651	GRADE 1	B4 base audio triode. Mullard, logo UK. Test as Grade One. Data from us. Equivalent to vt68 UK or G445 B4 base AUDIO TRIODE x 10.	G1	20.00 10 @ 15.00
CV1675	NOS	Various UK brands. Audio pentode, equivalent to N43.	OB/WB	10
CV1722	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	POA
CV1835	NOS	Equivalent to 3B28 .		
CV1848	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	POA
CV1884	NOS	Please refer to 33A-158M .		
CV1934	NOS	Refer to 6J5GT .		
CV1949	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	POA
CV1976	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	POA
CV1985	NOS	Equivalent to 6SL7 .		

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
CV1988	NOS	Equivalent to 6SN7GT .		
CV2000	NOS	(EF91 fly leads) 5A/159N. NOS. Brimar 1960s vintage British made. Long lasting good quality signal pentode. CV2000 5A/159N is equivalent of EF91 or 6064 but with wire leads. Audio pentode data www.tubedata.com or ask our office.	Mostly GVT	3.00 100 @ POA
CV2006	NOS	Western Electric logo in stock. Please enquire.	OB/WB	POA
CV2013	NOS	Equivalent to CV4055 .		
CV2116	NOS	Equivalent to RK2116, UK manufacture NOS by EMI, etc. A reflex klystron (a microwave oscillator that requires an external resonant cavity to operate). They operate between 1.8 and 4.5 GHz.	GVT	20.00 20 @ 18.75
CV2127	NOS	Equivalent to CV4055 and 6CH6 .		
CV2130	NOS	West European and equivalents. QB3-300 Siemens RS1007, QY3-125, CV2130 and 6155. Data: Vf=5.0V, If=6500Ma, Va= 3000V, Ik=350Ma, S=2.5Ma/V, Pa=125W. Potential audio type. We have B5F sockets to fit this in stock. More data available. This is a DHT, directly heated triode.	WB/GVT	25.00 10 @ 20.00
CV2135	NOS	Please refer to 6BR7 .		
CV2136	NOS	Equivalent to CV4043 .		
CV2154	NOS	AEI, UK NOS equivalent to CV7108.		40
CV2155	NOS	AEI, UK NOS.		40
CV2169	NOS	EEV UK. Believed to be a particle accelerator. Weighs 7kg / 15 pounds. NOS and guaranteed. Offers invited for this item.	GVT	400
CV2171	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	POA
CV2174	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	POA
CV2179	NOS	Please refer to CV4062 on approx page 89 for exact equivalent.		
CV2208	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	POA
CV2213	NOS	Audio voltage regulator/stabiliser. Hivac CC3L. NOS guaranteed.	GVT	5.00 20 @ 4.00 250 @ offers
CV2231	NOS	GEC Sticker UK NOS. Has similarities to EL34 C3M. CV2231 is a good driver for 845 tube in SE audio circuit.	Most GVT	5
CV2231	NOS	Made in West Europe or USA NOS. We have good quantities in stock. Please enquire.	Most OB	POA
CV2237	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	POA
CV2258	NOS	Microwave semi-conductor diode, UK made NOS. CV2258 C34B CS4B crystal valve semiconductor diode. A general purpose UHF-MW detector diode. This is an X-band mixer diode with a max frequency of 12GHz.	BP	3.70 10 @ 2.50 700 @ 1.80
CV2276 / Z319 / 6351	NOS	UK or USA NOS in stock.	Most GVT	POA
CV2277	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	POA
CV2287	NOS	Geiger tube. UK or USA NOS in stock.	Most GVT	17.50 50 @ 15.00
CV2293	NOS	Equivalent to XB1. HIVAC USA made with Hivac logo. NOS. Clean and guaranteed. This barretter has possible audio use. Data http://frank.pocnet.net/other/ServiceTypes/CVnumbers.html Photo http://www.r-type.org/exhib/aai0180.htm	WB	3.5
CV2298	NOS	Huge GEC tetrode. New / NOS clean with guarantee.		150
DISPLAY ITEM CV2298 USED	NOS	Huge GEC tetrode space age appearance. 37 cms or 15 inches tall. Used but clean untested without guarantee. Photographs on request. Would look great as a display item or door stop!		20.00 8 @ 16.00
CV2318	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	POA
CV2340	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	POA
CV2346	NOS	UK manufacture.	GVT	50.00 50 @ 45.00
CV2355	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	POA
CV2356	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	POA
CV2390	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	POA
CV2430	NOS	TR cell. Hundreds of UK or USA NOS in stock.	Mostly GVT	30.00 125 @ 20.00
CV2431	NOS	Equivalent to DG7-32 CRT .		
CV2478	NOS	UK NOS.	MB	POA

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
CV2482	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	POA
CV2486	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	POA
CV2492	NOS	Equivalent to E88CC .		
CV2721	NOS	Please refer to EL81 .		
CV2886	NOS	Geiger tube. Hundreds of UK or USA NOS in stock. M2H.	Mostly GVT	POA
CV2901	NOS	Equivalent to EF86 .		
CV2966	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	POA
CV2975	NOS	Equivalent to 6BQ5 .		
CV3946	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	POA
CV3998	NOS	Please refer to equivalent E180F .		
CV4001 / 6X4	NOS	Brimar UK NOS (flying leads, wire ended). "Scoba" logo, but made in the UK by Brimar. Square getter.	OB/WB	27.5
CV4002	NOS	Please refer to EF91 / CV4002 in the EF91 section.		
CV4003	NOS	Mullard, logo UK, NOS, Box Anode, Big Ring Getter.	GVT	80
CV4003	NOS	Please refer to ECC82 exact equivalent.		
CV4004	NOS	Please refer to ECC83 exact equivalent.		
CV4006	NOS	6BR7 Brimar UK, Brimar logo. Same as EF86 but lower microphony, different pin out. Please refer to 6BR7 for prices.	OB	Refer to 6BR7 for prices
CV4007	NOS	Please refer to CV4025 for superior quality equivalent.		
CV4010	NOS	Mullard, UK. Please refer to EF95. Hundreds in stock.	GVT	Refer to EF95 for prices
CV4014	NOS	Please refer to EF91 .		
CV4020	NOS	Equivalent to OA2WA and CV4100 .		
CV4024	NOS	Please refer to ECC81 for all details.		
CV4025	NOS	Mullard, old style logo. Hundreds in stock.	GVT	3
CV4025	NOS	Please refer to EB91 section, Mullard equivalent.		
CV4025	NOS	Superior equivalent to 6AL5 , 6058 , E91AA and EB91 .		
CV4029	NOS	Please refer to 5902 .		
CV4031	NOS	Please refer to ECC91 for details.		
CV4034 / ECC82	NOS	Brimar logo UK. Please enquire.	GVT	POA
CV4034 / ECC82	NOS	Mullard, logo UK. NOS. CV4034/F6067. Identical to UK. ECC82 except these have flying leads (wire ended) instead of B9A Socket so they can be soldered straight into the PCBs, which yield low noise.	GVT	20.00
CV4034 / ECC82	NOS	RFT German manufacture. NOS. CV4034/F6067. Identical to ECC82 except these have flying leads (wire ended) instead of B9A socket. These can be soldered straight into the PCBs, which yield low noise.	WB	9.00
CV4036	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	POA
CV4043	NOS	Please refer to 6BW6 .		
CV4044	NOS	Mullard, UK. Equivalent to M8091/CV2235. Hundreds in stock.	OB/WB	4
CV4045	NOS	UK NOS.		POA
CV4052 / 85A2	NOS	CV4052 are currently out of stock. 852A is similar, but not equivalent. See other entries in the catalogue for 852A.		POA
CV4055	NOS	A working audio amplifier using CV4055 can be viewed, by appointment, at our Billingshurst office.		
CV4055	NOS	Please refer to 6CH6 for information.		
CV4056	NOS	F/6132 Brimar UK 6CH6. Same as 6CH6 above** but with flying leads / wire ended.	OB/WB	5.00 400 @ 3.00
CV4058	NOS	Exact equivalent to 6C4 .		
CV4060	NOS	Please refer S11E12 for more information.		
CV4061	NOS	GEC UK NOS. Nice 70s vintage British made GEC Genelex CV4061. High voltage double diodes. Potential audio type.	GVT	2.30 10 @ 2.00 50 @ 1.70 500 @ 1.50
CV4062	NOS	Please refer to A2134 .		
CV4062	NOS	GEC UK NOS. Black anode/ring getter. Clean and guaranteed. Military quality B7G pentode. CV4062 are a possible alternative, not equivalent to EL84, but has a different base and transformer ratio. Data Vf=6.3V, If=635Ma, Va=300V, S=12Ma/V, Pa=9W. Photo http://www.r-type.org/exhib/aaa0224.htm	GBox	5.00 20 @ 4.00 50 @ POA

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
CV4062 / A2134	NOS	These are CV4062 or CV2179 black anode. D getter or triple mica. GEC UK NOS. All have GEC logo or GEC sticker.	Most GVT	12.00 10 @ 11.00 30 @ POA
CV4062 / EL84	NOS	or A2134 or CV2179. GEC UK NOS. Clean and guaranteed. All CV4062 GEC sticker or GEC logo. Military quality B7G pentode. Most are CV4062 and are a possible alternative, not equivalent for EL84, but has a different base and transformer ratio. Data Vf=6.3V, If=635Ma, Va=300V, S=12Ma/V, Pa=9W. Photo http://www.r-type.org/exhib/aaa0224.htm	WB	9.00 30 @ 7.00 300 @ 5.00
CV4063	NOS	Brimar or EW. UK/USA NOS. Good quantities in stock. Please enquire	Most OB	POA
CV4064	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	POA
CV4067 / VX8167	NOS	UK USA NOS. Output pentode, might suit audio application. You will receive Mullard VX8167 or Raytheon 5902. The following are believed to be equivalent or near equivalent. Find data on the other types mentioned at the below website: https://frank.pocnet.net/index.html# http://www.r-type.org/search.php	GVT	5.00 20 @ 4.00 150 @ 4.50
CV4068	USED	Brimar logo UK. Used, tested, guaranteed. Black anode. Equivalent to 13D3 . Near equivalent to ECC32 except CV4068 are B9A base.	BP	15
CV4071	NOS	GEC UK NOS. Vacuum rectifier. Can rectify 50ma at 6,000 volts. Nice 1960s vintage genuine GEC made.	Mostly GVT	5.00 100 @ 3.50
CV4079	NOS	Please refer to A2293. Potential audio type.		
CV4085	NOS	Equivalent to EF86.		
CV4096	NOS	Raytheon USA NOS. 1970s vintage military issue VX9185 tube, a long lasting good quality sub-miniature tetrode.	GVT	4.00 300 @ 3.00
CV4097	NOS	S2P20 most Raytheon USA, some STC UK. All NOS with logo. B9A audio tetrode with similarities to EL84. Data: http://tubedata.philipse.info/ if you have difficulty please contact our office.	OB/WB	3.00 100 @ 2.50
CV4116	NOS	Hundreds of UK or USA NOS in stock.	WB	4.00 100 @ 3.00
CV4502	NOS	Mullard, UK. Please refer to 7433.	GVT	
CV4503	NOS	Equivalent to 7434, CV472, CV476, VX7106. Wire ended pentode. Data: http://tubedata.philipse.info/ if you have difficulty please contact our office. This is a single triode similar to ECC82 double triode.	WB	3.30 250 @ 2.60
CV4506	NOS	Mullard / Brimar UK. NOS. Near equivalent to 5899 / 5840.		1,000 @ POA
CV4516	NOS	UK / USA. NOS. Wire ended tube with some similarities to 85A2.	WB	3.80 20 @ 3.00
CV4808	NOS	Semi-conductor made in UK/USA in stock.	OB/WB	POA
CV5080	NOS	Equivalent to EF37A.		
CV5088	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	POA
CV5099	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	POA
CV5099	NOS	Equivalent to CV4078, Ferranti ZS22 and GEC SX644 silicon diode 1 GBP each wholesale price each. Please see our minimum order is 50 GBP plus VAT. free postage to UK/Europe on orders over 50 pieces and postage. High quality ex-military in sealed bags UK or USA made. These are NOS / new CV5099.	Bag	1.00 300 @ 0.80
CV5099	NOS	Transistor. Made in UK/West Europe, good quantities of well-known brands in stock at our Billingshurst UK warehouse. Please enquire.	OB/WB	POA
CV5099 / 2S22	NOS	Semi-conductor made in UK/USA. In stock.	OB/WB	POA
CV5162	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	POA
CV5217	NOS	UK / USA. NOS.	WB	5
CV5242	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	POA
CV5413	NOS	A2913 GEC UK. Hundreds in stock.	GVT	5
CV5724 / E80T	NOS	Mullard beam switching valve electron tube.		25.00 10 @ 20.00 50 @ 12.00
CV5880	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	POA
CV5961	NOS	Hundreds of UK or USA NOS in stock.	Mostly GVT	1.50 100 @ 1.00
CV5985-K35	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	POA

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
CV6005	NOS	Equivalent to BS502 VX9216. A monitor diode. They operate in frequency range 8.5-10 GHz. EEV UK. NOS. They cost the Royal Air Force a fortune but sold for bargain price! Guaranteed. NOS clean. Data sheet free from Billington Export office.	GVT	25.00 50 @ 15.00
CV6006	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	POA
CV6022	GRADE 1	UK EEV manufacture. Slightly used with a black stain in the glass. Clean and tested with guarantee.	G1	200
CV6071	GRADE 1	UK USA NOS. In stock.	OB/WB	GBP offers
CV6087	NOS	Equivalent to VX8506 and LA9-3B, GEC or Mullard, NOS TR Cell Tube. They cost the Royal Air Force GBP2,500.00 but sold for bargain price! Don't be scared to make an offer. Guaranteed. NOS in clean GVT box.	GVT	GBP Offers
CV6091	NOS	Please refer to A2900 .		
CV6099	NOS	Appear to be UK NOS. Suitable for night vision goggles. We have no way of testing these, but they are decent appearance with a 90 day "no quibble" guarantee.	WB	100.00 4 @ 80.00
CV6099	NOS	Mullard UK NOS. Image converter tube, suitable for the MK1 infra-red binoculars.		80.00 4 @ 70.00
DISPLAY ITEM CV6117 or CV6107	NOS	UK, NOS item in OB but without guarantee. Probably working. Long thin tube 50 cms. Looks like a vintage thermometer. Photos on request.		10
CV6124	USED	Thomson France. A backward wave oscillator. Used, tested at low power. Guaranteed. Weighs 23 kg. Carriage to UK GBP20, overseas freight POA.	Box	240
CV6135	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	POA
CV6168	NOS	WF461 Ferranti Radar TR Cell Tube. Suits OTH radar. It switches the waveguide from receive to transmit. They cost the Royal Air Force a fortune but sold for bargain price! Guaranteed. NOS in sealed bag and GVT box.	GVT	10.00 100 @ 8.00
CV6169	NOS	Ferranti WF471. Radar TR Cell Tube. Suits OTH radar. It switches the waveguide from receive transmit. They cost the Royal Air Force a fortune but sold for bargain price! Guaranteed. NOS in sealed bag.	GVT	10
DISPLAY ITEM CV6173 or CV360	NOS	UK, probably NOS but without guarantee. Probably working Photo on request. Interesting "string vest" appearance.		15.00 10 @ 12.00
CV6208	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	POA
CV6223	NOS	Mullard, UK. NOS. For you to test. 12 months "no fuss" guarantee. We will immediately replace or refund any you return. A 350W travelling wave tube. Data: Centre Frequency 3GHz; Output Power 350W (Pulse); Frequency range 2.7 to 3.3 GHz; Max. Duty Cycle 0.005; Beam Voltage 8.5Kv; Gain 31Db. More data http://frank.pocnet.net	GVT	200
CV6223	NOS	TWT. UK made in stock. Sold as is.	WB	30
CV7077	NOS	UK NOS semi-conductor by Ferranti or other UK manufacture. Also known as ZR31.	GBOX	4.00 200 @ 2.00
CV7077	NOS	Semi-conductor made in UK/USA. In stock.	OB/WB	POA
CV7083	NOS	UK/USA NOS. Good quantities in actual physical stock. Please enquire.	Most OB	POA
CV7109	NOS	AEI, UK NOS.		40.00 50 @ 30.00
CV7137	NOS	AEI or other UK make. New / NOS. Silicon rectifier valve. Equivalent to SR 4501-A.		3.33 5 @ 3.00 300 @ 2.50
CV7378	NOS	AEI, UK NOS		40
CV8131	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	POA
CV8141	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	POA
CV8322	NOS	USA / UK maker. New / NOS. Equivalent 2G220. In stock.		300 @ POA
CV8322 / 2G220	NOS	Semi-conductor made in UK/USA. In stock.	OB/WB	POA
CV8671	NOS	EEV UK NOS. Equivalent to GXK20 spark gap. EEV catalogue data on request. At this price, it's cheap enough just to use it for display/museum piece. However, they are NOS and guaranteed.	GVT	12.00 500 @ 9.00
CV8686	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	POA
CV8960	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	POA

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CV9915	NOS	Near equivalent to 5899. These are CV9915 Mullard UK NOS Subminiature pentode.	GB	4.00 10 @ 3.54 50 @ 3.20
CV10242	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	POA
CV10952	NOS	T988D USA or UK NOS. With guarantee. 10 in stock.	OB/GB	10 @ POA
CX381	NOS	Cunningham USA.	WB	25
CX1140	NOS	EEV. UK NOS. 1980s/1990s manufacture. New/NOS, tested. Guaranteed 12 months from dispatch.	GB	700
CX1140A	NOS	EEV UK NOS. 1980s/1990s manufacture. New/NOS, tested. Guaranteed 12 months from dispatch.	GB	650
CX1140	GRADE 1	UK made by EEV. Not new appearance but tested to Grade One standard, clean with guarantee. 1980s or 1990s manufacture.	BOXED	500
CX1140	USED	Hydrogen thyratron. UK made by EEV. Used in Varian systems. Pulled from working equipment. Not new appearance but tested, clean and guaranteed.	WB	300
CX1154	NOS	EEV UK. Sometimes in stock. We can only sell these to certain countries.	OB/WB	POA
CX1157	NOS	EEV UK NOS. High power ceramic hydrogen. Will be tested with guarantee. There are restrictions re selling this item to certain countries.	OB/WB	500
CX1157	USED	EEV UK. High power ceramic hydrogen. Will be tested with guarantee. There are restrictions re selling this item to certain countries. These might be unused. But someone has written the test results on the ceramic, therefore sold as used, half price.	OB/WB	240
CX1191	NOS	EEV UK NOS. Tested, with guarantee. Made In the 1990s. New and unused. Price negotiable.	OB	POA
CX1119A	NOS	EEV UK NOS. Hydrogen thyratron.	OB/WB	POA
CX1159	NOS	EEV UK NOS or Chinese NOS. High power Thyatron.	OB/WB	POA
CX1159	USED	EEV UK. Used, tested, guaranteed. Data on request. GBP240 wholesale price for a used item, when available.	WB	POA
CX1180	NOS	EEV UK NOS. Ceramic hydrogen tube. Restrictions re selling this item to certain countries.	OB/WB	POA
CX1559	NOS	EEV UK NOS. Deuterium-filled thyratron, with low jitter and low anode delay time drift. Designed for high rate of rise of current and a high ampere second capability, at high pulse repetition rate. A reservoir from a separate heater supply is incorporated. 12 month guarantee. This item can only be sold to certain countries. Data available.	OB/WB	325.00 4 @ 300.00
CX1559	USED	EEV UK. Used. Tested. Thyatron. 12 months guarantee. For some data on this item, please refer to CX1559 NOS paragraph, above.	WB	115.00 2 @ 110.00
CY31	NOS	Mullard West European manufacture. Hald wave rectifier.	OB/WB	8.00 16 @ 6.00
D3A	NOS	Ericsson West Europe & GEC UK. All NOS.	OB	POA
D3A	NOS	Rare pinched waist (waisted shape) Siemens, West Europe, gold pin. NOS tested, clean guaranteed, uniform.	WB	POA
D3A	NOS	Siemens, 50 percent emission. Guaranteed. These Siemens D3A are West European made gold pin, clean and guaranteed. They are unused but test around 50/60 percent emission. 50 percent is outside the usual accepted test standards, but these usually work perfectly well in equipment. As NOS, D3A are rare, these guaranteed 50percent items may suit many customers.		12.00 50 @ 10.00
D3A	NOS	Siemens, West Europe, gold pin. Unused and look new, but test as used, around 65 percent emission. Clean and guaranteed. All look the same.	OB	27.00 20 @ 26.00
D3A	NOS	Refer to E280F for near equivalent.		
D3A / Z759	NOS	These are Z759 GEC logo or Marconi MWT logo UK NOS. Printed CV5060. Tested/guaranteed. Z759 has similarities to D3A, but not equivalent.	OB/GVT	12.00 200 @ 10.00
D3A	USED	Siemens, West Europe gold pin. Used, fairly clean, tested, guaranteed. Used, test around 50-60 percent emission. Decent appearance & print.	WB	25.00 44 @ 24.00
D7-200GH	NOS	CRT cathode ray tube. UK & USA NOS. Suits oscilloscopes.	OB/WB	45
D7-222GH	NOS	CRT cathode ray tube. UK & USA NOS. Suits oscilloscopes.	OB/WB	45

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
D10-210GH	NOS	Brimar UK NOS. If your hobbies include nixes, Dekatrons etc, this might be worth a look. For data http://tubedata.philipse.info/ if you have difficulty finding data, please contact our office. We are glad to help customer with data enquires. Please allow 2 working days for replies about data.	OB	20.00 20 @ 15.00
D13-27GH	NOS	Cathode ray tube (CRT) in stock. UK/ USA made NOS. Competitive pricing.	OB/WB	POA
D14-221GH	NOS	Cathode ray tube (CRT) in stock. UK/ USA made NOS. Competitive pricing.	OB/WB	POA
DA30	NOS	GEC UK NOS. Guide price straight sided GBP400 wholesale.	GB	POA
DA30 / DO24	USED	These are DO24 Mullard straight sides, test as used. Data www.r-type.org	WB	1 @ 150.00
DA41	NOS	GEC sticker. UK NOS. Similar to 811A although not equivalent.	WB	50.00 4 @ 48.00
DA41	GRADE 1	Used but test 80 percent emission. Good appearance. GEC sticker. UK NOS. Similar to 811A although not equivalent.	G1	37.00 2 @ 34.00
DA42	NOS	GEC sticker. UK NOS.	OB/WB	32.00 4 @ 30.00 More @ POA
DA42	NOS	Please refer to 811A for possible alternative, not equivalent.		POA
DA42	GRADE 1	Used but test 80 percent emission. Good appearance.		26.00 4 @ 23.00
1A3 / DA90	NOS	1A3, DA90, CV753 NOS Mullard, 1950s vintage British made military issue. A long lasting good quality NOS B7G diode. Data: Vf=1.4V, If=150ma, Va=115V, Ik=1Ma.		2.40 10 @ 2.00 300 @ 1.50
DA100	NOS	MOV UK NOS when available.	OB	POA
DA100	NOS	MZ1-100 equivalent. This MZ1-100 Mullard logo is UK made. NOS. Offers considered. 1 only.	WB	1200
DA100	NOS	Please refer to MZ1-100 equivalent.		
DA100	USED	When available.	WB	
DAF91 / 1S5	NOS	Refer to 1S5.		
DAF96	NOS	West European NOS, 100 pieces the same brand same appearance. Equivalent to 1AH5. Data/photo http://www.r-type.org/exhib/aad0027.htm	OB/WB/B P	3.50 100 @ 2.80
DC90	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	5.00 Bulk @ POA
DCC90	NOS	NOS. Audio double triode. Including RT France, Philips, Adzam, Mullard x 5, Telefunken. When available.	OB/WB	POA
DE3	NOS	Marconi UK dull emitter. Nickel base, top pip as new condition. Early 1920s made! Tested by Phil Taylor.	OB	30
DET12	NOS	Please refer to 4304CB for an exact equivalent. Audio triode.		
DET16	NOS	GEC UK, NOS. Large audio triode.	GVT	100
DET20	NOS	Mullard, or other UK NOS. Audio triode. Stock is under these equivalents: CV1135, CV6, CV63, E1148 & VR135. Data click CV6 link http://frank.pocnet.net/other/ServiceTypes/CVnumbers.html Photo/data http://www.r-type.org/exhib/aai0283.htm	OB/WB	8.50 10 @ POA
DET23	NOS	GEC UK. DET23 is equivalent to A3343 & CV354. NOS genuine British made GEC. Genelex. DET23 are a glass disc seal high transconductance coaxial broadband triode.	GVT	8.00 500 @ 5.00
DET24	NOS	CV397 NOS UK made GEC. A glass disc seal high transconductance coaxial broadband triode, medium overall gain, high transconductance, 20 watts anode dissipation up to 2Ghz. Data www.tubedata.org	Mostly	16.00 30 @ 12.00
DET25	NOS	GEC, big audio triode UK. NOS. Straight shape.	WB	350.00 2 @ 340.00
DF61	NOS	Mullard, UK 6611/CV2371/DF61. NOS Clean, guaranteed. Equivalent to CV5961. Wire ended sub-miniature broadband pentode. They were mentioned as "audio types" in Glass Audio magazine in 1999. They operate on 30V DC anode voltage so could operate directly off 48 volt phantom power supply line. A battery would suit the heater (1.25 volts at 20Ma). Data: Vf=1.4V, If=25Ma, Va=67V, Ik=3Ma. More data http://frank.pocnet.net/sheetsD1.html	GVT	2.50 20 @ 3.00 300 @ 1.50
DF62	NOS	Made in West Europe or USA NOS. We have good quantities in stock. Please enquire.	Most OB	POA

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
DF64 / CV2260	NOS	Hivac USA NOS. The DF64 was designed as an audio amplifier in hearing aids. Two tubes would be connected in series across a 1.5 volt battery. The anode supply would be a 15 volt battery. Photo/data www.r-type.org/exhib/aaa1378.htm	Mostly GVT	4.20 150 @ 3.20
DF71	NOS	Please refer to 6611		
DF91	NOS	Mullard UK NOS. Printed CV785 (not printed 1T4 or DF91). Clean & guaranteed.	GB	POA
DF92 / 1L4	NOS	Various UK/USA. NOS.	OB/WB	2.20 100 @ 1.70
DF96 / 1AJ4 / 1AF4	NOS	Philips/Valvo. NOS. Made in West Germany. Ideal for a battery headphone amp as it's very low power consumption/current and high gain. It is also an RF amplifier for battery operated radios. Deduct 25p if you accept without WB.	WB	3.50 10 @ 2.80 150 @ 2.30 5,000 @ 1.80
DF91 / 1T4 / CV785	NOS	When available.	GB	POA
DF906	NOS	Telefunken logo, NOS with diamond <>. West German. Possible audio pentode, B7G base. Data: Vf =1.4v, If =100Ma, Va=45v, gm=1.7Ma/v. Vade mecum data https://frank.pocnet.net/vademecum2.html	WB	4.50 10 @ 4.00 200 @ 3.00
DG4-2	NOS	Cathode ray tube (CRT) in stock. UK/ USA made NOS Competitive pricing.	OB/WB	POA
DG7-5	NOS	Mullard, UK and Telefunken, West German. NOS. Partly similar to DG7-32 but not the same. Photo http://www.r-type.org/exhib/aaa1013.htm	GVT	28.00 10 @ 22.00
DG7-6	NOS	Cathode ray tube (CRT) in stock. UK/ USA made NOS. Competitive pricing.	OB/WB	POA
DG7-31	NOS	Valvo and Siemens, West German. NOS. DG7-31 has anode 400v, DG7-32 has anode 500v. Apart from this, DG7-31 is near equivalent DG7-32. Data hoto http://www.radiomuseum.org/tubes/tube_dg7-31.html	GVT	Limited quantity so POA
DG7-32	NOS	Mullard logo UK / Holland. NOS. CRT fits the Marantz 10B tuner. Few pieces only.	OB/GVT	80.00
DG7-32	USED	Mullard logo UK / Holland. Used, guaranteed. CRT fits the Marantz 10B tuner. Few pieces only.	OB/GVT	40.00
DG7-36	NOS	Made in West Europe or USA NOS. We have good quantities in stock. Please enquire.	Most OB	POA
DHT	NOS	Directly heated triodes. Here is a list of commonly used for audio direct heated triodes: 10, 10 / VT-25 /12A, 1G4, 1H4G, 26, 31, 2A3 / 6B4G, 300B, 45, 50, 71A, 99, 210, 211, 800, 801A, 805, 808, 809, 810, 811, 812, 813, 833, 842, 845, VT52. Also 813 is a tetrode but can be triode connected to form an audio triode. Direct Heated Triode – best sounding brands: 1st tier: Telefunken and Western Electric are the best brands. 2nd tier: RCA / Radiotron / Cunningham, Tung-Sol, Mullard, GEC, Amperex Holland / Amperex Bugle Boy, Hytron Western Electric), Philips Miniwatt. 3rd tier: Valvo, Siemens, Hytron (1960's), Sylvania, GE, Philco, National Union. If budget permits, aim for Telefunken or Western Electric. If not, the 2nd tier ones should be fine too.		POA
DH3-91 / 1CP1	NOS	Mullard, UK NOS. 1 inch cathode ray tube equivalent to CV2302. A few only. Great data/photos http://www.r-type.org/exhib/abp0001.htm	OB	40
DH7-91	NOS	West European NOS. Directly heated triode.	GVT/WB	25
Display Items	NOS	Please refer to the display item section around page 175, after the entry "ZZ1040".		
DK40	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	POA
DK91 / 1R5	NOS	USA NOS. Please refer to 1R5 on page 7 for current price.	OB/GVT	
DK91	NOS	Please see 1R5 equivalent.		
DK92	NOS	NOS, Telefunken, West German, arriving soon. Please ask for prices.	OB/WB	500 @ POA
DK96	NOS	NOS, West European.	OB/WB	9

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
DL73 / CV2299	NOS	These Mullard DL73 UK NOS have 6 volt heaters, printed CV2299. DL73 is similar to 5840, except 5840 has a 1.25 volt heater. Data http://electronbin.com/sheetsD1.html . These are dry battery sub miniature output pentode, wire ended. Originally designed for hearing aid output valves, but deliver a larger output than other wire ended pentodes. The anode resistance of DL73 is 16,000 Ohms. DL73 might be suitable as a pentode in a pre-amplifier? DL73 data/photo http://www.r-type.org/exhib/aaa1060.htm and 5840 data http://tubedata.itchurch.org/sheets51.html	GB	2.50 20 @ 2.20 100 @ 2.00 500 @ 1.80
DL70	NOS	Mullard UK NOS, printed CV2105. For data http://tubedata.philipse.info/ if you have difficulty finding data, please contact our office. We are glad to help customer with data enquires. Please allow 2 working days for replies about data.	GB	2.50 150 @ 2.00
DLS19	NOS	STC UK, vacuum thermal delay switch. For data http://tubedata.philipse.info/ if you have difficulty finding data, please contact our office. We are glad to help customer with data enquires. Please allow 2 working days for replies about data.	OB/WB	11.50 50 @ 9.00
DM70	NOS	Brimar. Currently two in stock	OB/WB	7
DM71	NOS	Magic eye West European made NOS.	OB/WB	POA
DM160	NOS	DM160 Mullard / Philips, Holland made NOS. Popular DM160 / 6977 miniature tuning indicator tube. It has no variable length display, only the brightness can be changed. These tubes will illuminate nicely at 9VDC, filament voltage is 1.2 volts envelope height v approximately 20mm, a very tiny device. Useful for digital clock or decoration lights.	OB	3.20 10 @ 3.00 200 @ 2.50
DN7	NOS	Currently we have one in stock	OB/WB	50
DO24	NOS	Mullard, UK. 2 identical pieces, clean, tested and guaranteed. Offers considered.	GVT	250
DQ2A	NOS	Mullard UK or USA. NOS. Tested/guaranteed. Audio rectifier.	OB/WB	POA
DR10-5	NOS	Cathode ray tube (CRT) in stock. UK/ USA made NOS. Competitive pricing.	OB/WB	POA
DW4-350	NOS	Brimar, MOV and STC, UK made NOS. Similar to MU14, U14, etc.	OB/WB	25
DW4-350	NOS	Mullard, logo, UK NOS.	OB	15
DW4-350	GRADE 1	Brimar, MOV and STC, UK made NOS. Similar to MU14, U14, etc. Tests as Grade One.	G1	15.5
DW4-500	NOS	Brimar, MOV and STC, UK made NOS. Similar to MU14, U14, etc.	OB/WB	25
DW4-500	NOS	Mullard, logo. NU, NOS	OB	15.5
DW4-500	GRADE 1	Brimar, MOV and STC, UK made NOS. Similar to MU14, U14, etc. Tests as Grade One	G1	15.5
DY51	NOS	Mullard UK or Holland NOS. Wire ended rectifier. May have audio applications. Data: Vf=1,4V, If=550Ma, Va=14000V Photo/data http://www.r-type.org/exhib/aaa1233.htm	OB/GVT	2.30 1,800 @ 1.80
DY87	NOS	Tungsramp logo NOS. Possible audio type.	OB	3.00 100 @ 2.00 1,400 @ 1.75
DY802	NOS	Mullard, logo NOS. Possible audio type.	OB/GVT	3.00 100 @ 2.00 2,500 @ 1.75
E2C	NOS	Siemens logo German NOS guaranteed. Audio tetrode. Price includes free socket 7E2D.	OB	42.00 2 @ 40.00 10 @ 35.00
E2C	USED	Siemens logo German. Used, decent appearance, tested, guaranteed. Audio tetrode. Price includes free socket 7E2D.	BB	21.00 6 @ 20.00
E2D / E2E	NOS	These are E2E. 8 x Siemens NOS, 6 x Valvo logo NOS. West European. Yellow Siemens band on the base. Tested guaranteed. E2E audio tetrode has similarities to E2D but a different socket. If you buy this tube we supply sockets as a gift (9E2E). E2E data http://tubedata.philipse.info/ if you have difficulty finding data, please contact our office. We are glad to help customer with data enquires. Please allow 2 working days for replies about data.	OB/GVT	20.00 2 @ 17.00 14 @ 16.00

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
E2D	GRADE 1	Grade One, East Germany. Some have RWN logo. Clean, tested and guaranteed. Sockets to fit these are in stock (7E2D). Price includes free socket.	G1	21
E2D	NOS	Use E2E for possible alternative, not equivalent with similar electronics/different socket.		
E2D	NOS	Refer to E2E. E2E audio tetrode has similarities to an E2D but has a different socket. Sockets to fit are in stock (9E2E).	OB	
E2E	NOS	Siemens, West German with logo. NOS with yellow Siemens band on the base. Tested and guaranteed. This is similar to an E2d tetrode but has a different socket. Sockets to fit are in stock (9E2E). Data: Vf=18V, If=360Ma, Va=275V, Ik=75Ma, S=10Ma/V, Pa=10W.	OB/GVT	44.00 4 @ 42.00 12 @ 40.00
E55L	NOS	Data paragraph. Some similarity to EL34. Data Vf=6.3V, If=600Ma, Va=200V, Ik=75Ma, S=45Ma/V. For data http://tubedata.philipse.info/ if you have difficulty finding data, please contact our office. We are glad to help customer with data enquires. Please allow 2 working days for replies about data. These high slope audio pentodes can be triode connected to give gm of more than 30ma/v . E55L has many similarities to 3A-167M, 5A-180M, 436A, 437A, EC8020, though not equivalent.		
E55L	NOS	Mullard logo, NOS gold pin. UK NOS. Tested, guaranteed. Audio pentode with high gm / slope (45 ma/V). Data http://www.r-type.org/exhib/aaa0271.htm These high slope audio pentodes can be triode connected to give gm of more than 30ma/v . E55L has many similarities to 3A-167M, 5A-180M, 436A, 437A, EC8020, though not equivalent.	OB/WB	115.00 4 @ 105.00 10 @ 95.00 30 @ 85.00
E55L/ A2674	NOS	These are A2674, they have similarities to E55L. E55L (45 ma/V) and A2674 (30ma./V) have many similarities. They are both audio tubes of a similar power. Data http://www.r-type.org/exhib/aaa0271.htm more data below. Both have the same base (B9D). GEC/Marconi with logo/sticker, UK, NOS, audio tube. These are A2674/ 436A. Triple mica OR gold pin OR D getter. Data www.r-type.org/exhib/aam0019.htm	OB	68.00 8 @ 58.00
E55L	NOS	USA grey pin. NOS 8233. Tested guaranteed. Price varies, if available. These high slope audio pentodes can be triode connected to give gm of more than 30ma/v . E55L has many similarities to 3A-167M, 5A-180M, 436A, 437A, EC8020, though not equivalent.	OB/WB	POA
E55L	USED Low Test	E55L Low Test. Mullard, logo, gold pin. UK. Test around 50 percent emission. Usual pass mark for used working item is 65 percent. These test below usual test values, and this is reflected in the low price. Guaranteed. These high slope audio pentodes can be triode connected to give gm of more than 30ma/v . E55L has many similarities to 3A-167M, 5A-180M, 436A, 437A, EC8020, though not equivalent.	WB	50.00 16 @ 47.50
E55L	GRADE 1	Mullard logo, Grade 1, gold pin. UK. Very clean and 80 percent emission. Audio pentode with high gm / slope (45 ma/V). Data http://www.r-type.org/exhib/aaa0271.htm These high slope audio pentodes can be triode connected to give gm of more than 30ma/v . E55L has many similarities to 3A-167M, 5A-180M, 436A, 437A, EC8020, though not equivalent.	OB/WB	90.00 4 @ 85.00 20 @ 75.00
E55L	USED	USA gold pin. Test near new, look used. Guaranteed. 8 pieces.	WB	8 @ POA
E55L	USED	Mullard logo, gold pin. USA made. Tested around 65-75 percent emission. Data in E55L NOS paragraph above. These high slope audio pentodes can be triode connected to give gm of more than 30ma/v . E55L has many similarities to 3A-167M, 5A-180M, 436A, 437A, EC8020, though not equivalent.	WB	100.00 6 @ 92.00

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
E55L	USED	Mullard logo, gold pin. UK tested around 65-75 percent emission. Data in E55L NOS paragraph above. These high slope audio pentodes can be triode connected to give gm of more than 30ma/v . E55L has many similarities to 3A-167M, 5A-180M, 436A, 437A, EC8020, though not equivalent.	WB	105.00 26 @ 95.00
E55L	USED	Mullard logo, grey pin. USA made. Tested around 65-75 percent emission. Data in E55L NOS paragraph above. These high slope audio pentodes can be triode connected to give gm of more than 30ma/v . E55L has many similarities to 3A-167M, 5A-180M, 436A, 437A, EC8020, though not equivalent.	WB	85.00 8 @ 72.00
E80CC	NOS	Mullard, logo, Holland. NOS. Gold pin. Super quality audio double triode.	OB	60
E80CC	NOS	Mullard logo, Holland. Tests as Grade 1. Gold pin. These are the rare pinched waist version. The glass moulds around the top mica, which gives extra support to the anodes and virtually eliminates microphony.	G1	45
E80CC	NOS	Tall grey pin version. Made in Hungary by Tungfram.	OB/WB	40
E80CC	USED	Mullard, logo, Holland. Gold pin. Tested as used. Data/other information in E80CC NOS Mullard, section above.	WB	22
E80CC	GRADE 1	Mullard logo, gold pin. Made in Holland. Test as Grade One, minimum 80 percent emission. Guaranteed. We have 4 x NOS and 4 x Grade 1. NOS prices are in the above paragraph.	G1 box	45.00 4 @ 30.00
E80CC / 12AZ7A	NOS	Sylvania and Westinghouse, USA NOS. These 12AZ7 have similarities to E80CC. Data on both types available.	Mostly OB	4.50 30 @ 4.00
E80CC / 6211	NOS	USA NOS. Grey pin. Note these are 6211.	OB/WB	6
E80CF	NOS	Mullard, UK/Holland NOS. B9A audio triode pentode. Gold pin. Seen in some valve audio equipment.	Most OB	13.00 10 @ 9.50
E80CF	NOS	Mullard, UK/Holland NOS. Waisted glass, very rare. Gold pin.	WB	16.00 10 @ 15.00
E80CF / 7643	NOS	USA NOS with logo, gold pin. Tested and guaranteed. Some more info on above E80CF paragraph.	OB	8
E80F	NOS	Mullard logo. Made in Holland. NOS. Gold pin. E80F usually works as plug in replacement for EF86. However E80F is slightly taller in size.	OB/GVT	20
E80F	NOS	Philips logo. Made in Holland. NOS. Gold pin. E80F usually works as plug in replacement for EF86. However E80F is slightly taller in size.	OB/GVT	22.00
E80L	NOS	Mullard logo UK/Holland. NOS. Gold pin. Tested guaranteed. Suits recording studio and other audio equipment. Some similarities to EL84. Data on request.	Most OB	16.00 30 @ 10.00
E80L	NOS	Philips Holland NOS. A few D getter, a few waisted glass.	OB/WB	30
E80L	NOS	Valvo or Mullard. Very rare version. 4 x D getter, 4x waisted glass version. UK or Holland made NOS.	OB/WB	25.00 8 @ POA
E80L	USED	Mullard logo UK/Holland. Gold pin. Test almost new, look used but look decent. Slightly similar to EL84. Data on request.	WB	6.50 10 @ 5.00
E81CC	NOS	Equivalent to CV4024 and ECC81.		
E81L	NOS	Mullard / Philips. Made in UK or Holland. NOS audio tube with logo. 1970s vintage genuine long life pentode amplifier tubes. This has a 10,000 hour life rating. Suitable as a driver for C3M tube, eg in a 300b audio amp!	Mostly OB	5.00 20 @ 4.20 300 @ 3.50
E81L	NOS	Philips logo NOS. Gold pin. Made in UK or Holland. Audio tube 1970s vintage, genuine long life pentode amplifier tube. This has a 10,000 hour life rating. Suitable as a driver for C3M tube, eg in a 300b audio amp!	OB	5.00 20 @ 4.20 300 @ 3.50
E81L	NOS	Some made in East Germany (RFT or similar), some made by Tungfram Hungary. NOS Audio tube. Most have logo. 1970s vintage genuine long life pentode amplifier tubes. E81L is a communications pentode with a 10,000 hour life rating. Suitable as a driver for C3M tube, eg in a 300b audio amp!	Mostly OB	4.00 50 @ 3.20 80 @ 2.50
E82CC	NOS	Please refer to ECC82. Equivalent to CV4003.		

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
E82CC-01 / ECC82	NOS	BILLINGTON GOLD, Chinese manufacture, grey pin. With guarantee. Please refer to page 6 for full details.	OB	5.80 20 @ 4.50
E82CC-01	NOS	Please refer to ECC82.		
E83CC	NOS	Chinese. Gold pin, tested.	WB	16
E83CC	NOS	Use ECC803S, ECC83, 12AX7 or 5751.		
E83CC-01	NOS	Please refer to ECC83 or ECC803S.		
E83F	NOS	Phillips SQ logo. Audio tube. West European made. NOS. Gold pin, mesh anode. Super quality, guaranteed. Some similarities to EF86.	OB	5.00 6 @ 3.30 100 @ 3.00 400 @ 2.75
E83F	NOS	Tungsram, Hungary. NOS. Audio pentode. Grey pin.	OB/WB	3.45 5 @ 3.00 200 @ 2.50
E83F	NOS	Mullard, logo. West European made. NOS. Gold pin, mesh anode. Super quality, guaranteed. Some similarities to EF86.	OB	6.00 60 @ 5.00
E84L	NOS	Please see EL84 / E84L.		
E86CC	NOS	Siemens West Germany, gold pin. NOS. Tested and guaranteed. Sets of 10 the same appearance.	OB	6.50 20 @ 5.50
E88C	NOS	Mixed brands East/West European manufacture, sometimes Mullard, available.	OB/WB	8.5
E88C / 8255	NOS	Telefunken logo. NOS West European made. All tested. Very clean, NOS, but no <> between the gold pins. These are E88C single triode. We can direct you to suppliers who provide adapters to convert E88C to 6SN7, B65, ECC32, ECC82 etc. Photo www.r-type.org/exhib/aaa0220.htm	OB	10.00 10 @ 6.60 50 @ 6.25 1,000 @ POA
E88CC	NOS	These are E188CC RTC logo NOS. Made in Mitcham, UK by Mullard . NOS, gold pin, tested, guaranteed. Parasol getter. 7 digit code is VR1, R2H1.	OB	60.00
E88CC	USED	Amperex USA gold pin. Used, tested over 60 percent emission with logo and guarantee.	GVT	40.00 4 @ 35.00
E88CC	NOS	BILLINGTON GOLD, tested, guaranteed. Please refer to page 6 for full details.	OB	16.00
E88CC	NOS	Brimar logo UK. NOS.	Mostly OB	33.00
E88CC	NOS	Brimar logo Russian. NOS. Gold pin. Tested and guaranteed. "Flying saucer" getter.	MOST OB	12.00 16 @ 11.00 32 @ 10.00
E88CC	NOS	Mullard logo NOS. Made in UK/Holland with gold pin.	Military box	54.00 10 @ 52.00 30 @ 48.00
E88CC	NOS	Mullard, new economy grade. Mullard logo UK. Gold pin. Unused, look new, very clean but anode current tests 70-75 percent approx. Gold pin. Sets of 10 pieces of the same appearance.	GVT	
E88CC	NOS	Very rare, waisted glass version. Mullard logo. NOS.		2 @ 220.00 each
E88CC	NOS	Russian. NOS. Gold pin. Tested and guaranteed. 4 pieces the same appearance, "flying saucer" getter.	WB	16.00 4 @ 12.00
E88CC	NOS	Siemens Halske Germany, most are "grey shield". Gold pin. Tested and guaranteed. 4 pieces the same appearance. They test like NOS and look to be unused tubes, no stains inside the glass. Made est 1963 - 1973. O getter ring. The print is 75 percent missing, therefore reduced from GBP95 down to GBP55.	OB/WB	55.00 6 @ 48.00
E88CC	NOS	Telefunken logo but no <>. Made in Germany by Siemens. Grey shield construction. Gold pin. Tested and guaranteed. 4 pieces the same appearance. NOS and tested 1960s made glass. O getter ring.	OB/WB	60.00 4 @ 54.00
E88CC	NOS	Telefunken logo. West German with <>. NOS. Gold pin. 3 pieces look the same appearance.	WB	125.00
E88CC	NOS	JJ logo by Tesla, Slovakia. Gold pin. Tested & guaranteed. These are unused and look new. They came direct from the JJ factory. As is often the case with JJ tubes, they work fine but test below perfect new spec. They test around 70 percent of the "perfect new" figures. Tested, working guaranteed clean and uniform.	WB	18.50 10 @ 17.50
E88CC	NOS	JJ logo by Tesla, Slovakia. NOS. Gold pin. Tested & guaranteed.	OB	37.50
E88CC	NOS	JJ logo by Tesla, Slovakia. NOS. Grey pin. Tested & guaranteed.	OB	21.00
E88CC	NOS	Tesla logo made in the 1980s. Gold pin. Wholesale price approx. GBP26 when available.	OB/WB	POA
E88CC	NOS	Tesla late 1970s, early 1980s. Gold pin.	OB/WB	30.00

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
E88CC	NOS	Tungsram Hungary NOS. Grey pin. 1 or 2 only.	WB	30.00
E88CC	USED	Brimar logo UK. Gold pin. Used, tested 65-75 percent emission.	WB	15.00
E88CC	USED	Mullard, Western Europe. Used. 40 to 60 percent emission. This is lower than normal emissions.	WB	10.00
E88CC	USED	Mullard logo, used, test about 65 percent emission. Not new appearance but decent appearance. Made in UK with gold pins. Sets of 4 pieces the same appearance. Please enquire for actual quantity.	WB	30.00 4 @ 27.00
E88CC	USED	Mullard logo / Holland. Gold pin. Used not new appearance, but decent appearance, tested 65 percent emission. Guaranteed. Mixed appearance but 2 pieces of the same appearance may be found.	WB	27.00 4 @ 25.00
E88CC	USED	Siemens. Gold pin. Used, test 65 percent emission. No bulk offers.	WB	POA
E88CC	USED	Tungsram Hungary. Used tested. 2 only.	WB	15.00
E88CC	NOS	Please refer to E90CC for a possible alternative, not equivalent with B7G base and different gm.		
E88CC	NOS	Please refer to ECC88 very near equivalent.		
E88CC-01	NOS	Mullard, UK/Holland. Gold pin. NOS. Guide price GBP55.00.	Mostly OB / GVT	POA
E88CC / CCA	NOS	Siemens Halske CCA gold pin. Grey shield. Low noise 10,000 hr tube, NOS. Long-life special selected version. Made in Munich. Approx 1960 made. Tested/guaranteed. Just 1 or 2 pieces.	OB	120.00
E88CC / ECC812	NOS	Philips logo Holland NOS. Recommended for audio. Great for hi-fi amps. Good substitute for 6922/E88CC/6922.	OB	52.00 3 @ 48.00
E90CC	NOS	Mullard logo. UK / Holland. NOS. Audio double triode. Photo/data: http://www.r-type.org/exhib/aai0039.htm	Most OB	6.00 16 @ 5.00 300 @ 4.00
E90CC	NOS	Pinched waist, D getter. Mullard logo Holland. NOS. Audio double triode E90CC is PARTLY similar to ECC81. In most cases E90CC plugs in to replace 6J6. E90CC gives better sound than 6J6.	WB	POA
E90CC	NOS	Philips, logo. UK/ Holland. NOS. Audio double triode E90CC is partly similar to ECC81. Data: ECC81 B9A base. Vf= 6.3v, If= 300Ma, Va=300 V, Ik= 20Ma, S= 2.2 Ma/V, Pa 2 x 2.5W. Data: E90CC B7G base. Vf=6.3 V, If=400 Ma, Va= 100 V, Ik= 15Ma, S= 6Ma/V, Pa= 2W. Photo/data http://www.r-type.org/exhib/aai0039.htm Deduct 25p. If you accept the bulk pack (BP, egg crate version).	OB/ BP	6.00 16 @ 5.00 300 @ 4.00
E90F / 6BH6	NOS	These are E90F Mullard logo. NOS. Audio pentode. Mesh anode, made by Heerlen factory, Holland. Equivalent 6BH6. Mesh anode, suits Marantz 8B. Photo/data www.radiomuseum.org/tubes/tube_e90f.html	OB/WB	6.00 200 @ 4.80
E91H	NOS	Valvo or Philips logo. West Europe made NOS. Data www.tubedata.org	OB	5.00 80 @ 3.20
E92CC	NOS	16 Telefunken logo, West German <> and 20 Mullard, Holland. NOS.	Mostly OB	10.00 10 @ 8.00 36 @ 5.00
E99F	NOS	RT Logo made in France. Sold out, please enquire.	GB	POA
E130L	NOS	West European made. 6 AEG logo (AEG were part of Telefunken) and 6 Telefunken logo. NOS, tested, guaranteed.	OB	30.00 6 @ 28.00 12 @ 26.00
E130L	NOS	West European made. 8 Siemens, a few Mullard, a few Telefunken. NOS, guaranteed.	GB/WB	30.00 8 @ 27.00
E130L	NOS	Tungsram. NOS. Made in Hungary.	OB/WB	24.00 6 @ 22.00
E132	NOS	Equivalent to VT37B, CV1643. Partly similar to 101D LS5 LS6 VT25, PX25. UV4 base. If available.	WB	POA
E180CC	NOS	Mullard logo Holland NOS guaranteed. Our engineer built an amplifier using E180CC, it had great audio sound! Circuit diagram for E180CC amplifier free on request.	WB	15
E180CC	NOS	Pinched waist, D getter. Mullard/Philips NOS. Audio double triode.	WB	50
E180CC	USED	Mullard, USA/Holland with Mullard logo. Used and tested.	WB	6.00 10 @ 5.00
E180F	NOS	Chinese made NOS with Chinese logo. Grey shiny pin. Tested uniform and guaranteed. This is an audio type. Data www.tubedata.org	Chinese WB	2.50 100 @ 2.00

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
E180F	NOS	Mullard special, long life version of E180F/CV3998 UK. NOS. Unusual item! All gold pin, tested uniform and guaranteed. This is an audio type.	GB	7.00 10 @ 5.25 40 @ 4.50
E180F	NOS	Mullard logo UK. NOS. Equivalent CV3998. All gold pin tested uniform and guaranteed. This is an audio type.	OB/WB	5.00 10 @ 4.50 100 @ 4.25
E180F	NOS	Mullard UK. Box printed 'CV3998 KQDD/K'. Gold pin, no logo. Clean and guaranteed. This is an audio type.	GBox	4.00 10 @ 3.50 100 @ 3.25
E180F	GRADE 1	Mullard, logo UK. Gold pin. Test as Grade One.	G1	3.50 10 @ 2.50 100 @ 2.30
E180F	USED	Mullard UK, most have logo. Gold pin. Look decent considering they are used. Guaranteed, but not tested. Customer to test. You may return any test fails for replacement.	OB/WB	2.50 10 @ 1.60 100 @ 1.20
E182CC	NOS	Mullard logo, box anode. NOS, USA made.	OB	42.00 32 @ 38.00
E182CC	GRADE 1	Amperex Bugle Boy logo Holland. Test as Grade One. Also, Amperex USA. In sets of 2 pieces the same.	G1	26
E182CC	GRADE 1	Mullard rare pinch waist version. D getter. Mullard logo Holland. Test as Grade One.	G1	POA
E182CC / 7119	NOS	Mullard UK or Amperex, USA. NOS. Few pieces usually available.	OB/WB	35
E182CC / 7119	USED	Amperex Bugle Boy logo Holland. Tested with some stains in the glass. Also Amperex USA.	WB	17
E186F	NOS	RT logo. NOS, gold pin. West European made audio pentode similar to E180F. RT France worked closely with Mullard UK. E180f data: Vf=6,3V, If=300Ma, Va=190V, Ik=25ma, S=16Ma/V E186f data: Vf=6,3V, If=320Ma, Va=190V, Ik=25ma For data http://tubedata.philipse.info/ if you have difficulty finding data, please contact our office. We are glad to help customer with data enquires. Please allow 2 working days for replies about data.	OB	7.00 8 @ 6.00 200 @ 4.00 600 @ 3.00
E188CC	NOS	Mullard logo, Holland NOS. CV4108 with gold pin. Tested guaranteed. Sets of 4 pieces the same appearance. Matched pairs should be possible.	OB	80
E188CC	NOS	Siemens logo, gold pin. West German. No \diamond mark.	OB	55
E188CC	NOS	Sylvania logo, USA. NOS, when available, wholesale price is GBP60. 7308 acid etch.	OB/WB	POA
E188CC	NOS	Telefunken logo, NOS. West German $\langle \rangle$. Gold pin. Offers considered.	OB	300.00
E188CC	NOS	Equivalent to 6922 or E88CC. E188CC is very similar to E88CC but very slightly higher current.		
E188CC	USED	Mullard logo, Holland NOS. CV4108 with gold pin. USED, tested & guaranteed.	WB	37.00 8 @ 32.00
E188CC	USED	Siemens logo, gold pin. West German. no \diamond mark USED, tested & guaranteed.	WB	25.00 4 @ POA
E188CC	GRADE 1	Mullard logo UK/Holland gold pin. Test as Grade One. Small stain in glass. 2 parasol getter, 2 ring getter. Not new, but decent appearance, with good print, tested guaranteed, clean gold pins.	G1	55.00 4 @ 52.00
E188CC	GRADE 1	Telefunken logo, Grade 1. West German $\langle \rangle$. Gold pin.	G1	90.00
E188CC	USED	Mullard UK/Holland with gold pin. Used tested.	WB	35.00
E236L	NOS	Mullard, logo, UK NOS. Octal pentode with similarities to Mullard EL34.	OB	12.50 8 @ 11.00
E280F	NOS	Mullard & Valvo NOS. West European made. Gold pin.	OB	39
E280F	GRADE 1	Mullard logo UK/ Holland. Gold pin. Tested as Grade One. Small stain in glass but decent appearance.	G1	27.5
E280F	NOS	Siemens, West European. NOS. Pinch waist. Gold pin.	WB	45
E280F	USED	Some Siemens, some Mullard. Very rare pinch waist version. Used, test at only 50 percent emission, hence low price. Guaranteed. Decent appearance, good print. Gold pin. West European made.	WB	20.00 16 @ 16.00 60 @ 14.00
E280F	USED	With logo. Gold pin. Used, tested and guaranteed. Direct replacement of D3A, or in triode, connection is similar to Western Electric 417A.	WB	20
E282F	NOS	Philips NOS. Gold pin. West European made. When available.	OB/WB	POA
E283CC	NOS	Philips, Siemens etc, West European NOS.	OB/WB	50
E288CC	NOS	Philips, Siemens and other West European NOS. Gold pins. Wholesale price approx between GBP100 and GBP130 if available.	OB	POA

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
E406N	GRADE 1	Philips or other West European made. 2 pieces look the same. Test almost new but small stains. Guaranteed. Shouldered shape. E406 is almost identical to E406N and PX4.	G1	125.00 2 @ 120.00
E810F	NOS	Mullard Holland, gold pin . B9A base audio hi slope pentode. Few only.	OB/WB	45.00
E810F	NOS	Mullard or Amperex USA, gold pin . B9A base audio hi slope pentode. Few only.	OB/WB	30.00
E810F	GRADE 1	Mullard or Amperex, USA gold pin . Test as Grade One. B9A base audio hi slope pentode. Over 80% emission.	G1	22.00 8 @ 20.00
E810F	GRADE 1	Mullard Holland, gold pin . Test as Grade One. B9A base audio hi slope pentode. Over 80% emission.	G1	33.00 8 @ 27.50
E810F	USED	Mullard or Amperex USA, gold pin . Test as used, 65% or more emission. B9A base audio hi slope pentode.	WB	15.00 10 @ 13.00
E810F	USED	Mullard Holland, gold pin . Test as used, 65% or more emission. B9A base audio hi slope pentode.	WB	22.00 10 @ 18.00
E810F	INFO	Grey pin version is half this price, if available, on all of the above E810F.		POA
EA50	NOS	EA50 = VR92 = 10E/105 = 6D1 = 4623 = CV1092 = 2B35 CV1092 Mullard, UK/Holland. NOS. Photo/data http://www.r-type.org/exhib/aad0103.htm Data: Vf=6,3V, If=150Ma, Va=200V, Ik=5Ma.	GVT	3.00 20 @ 1.60 50 @ 1.50 300 @ 1.20
EA52 / 6923	NOS	Mullard, West European. Disc seal diode for UHF voltmeters and monitoring devices.	OB	20.00 20 @ 16.00
EA76	NOS	Mullard UK. Printed EA76 or CV4504 or CV469. Wire ended, NOS, clean and guaranteed. Similar to half of an EB91 diode. They handle approximately 10Ma DC so can be used in preamp and tube pedal power supplies. Data: https://frank.pocnet.net/sheets64.html and https://frank.pocnet.net/sheetsE1.html	Most OB	6.00 10 @ 4.00 100 @ POA
EAA91	NOS	CV4025 is superior quality equivalent.		
EABC80	NOS	West European NOS incl Valvo, Telefunken, Lorenz & Mullard. Few only. NOS.	OB/WB	15
EABC80	NOS	RCA logo USA NOS (equivalent 6T8) NOS & guaranteed. Deduct 25p if you accept bulk pack/ egg crate instead of white box.	WB	10.00 10 @ 8.00 100 @ 7.00 300 @ 6.00
EABC80	NOS	USA made, NOS. GE, RCA or Sylvania. These are EABC80 (equivalent 6T8) NOS & guaranteed.	OB/WB	8.25 50 @ 7.00 100 @ 6.00 300 @ 5.00
EABC80	USED	West European. Used, tested, incl Valvo, Telefunken, Lorenz & Mullard.	WB	4.50 20 @ 3.50
EAC91	NOS	or CV4059 Mullard. Most have logo. UK NOS. Audio diode/triode. Data on request. Military/government box.	GB	4.10 40 @ 2.75 400 @ 2.50
EAF42	NOS	Mullard logo. UK NOS. Audio tube. Data on request.	Most OB	6.00 5 @ 3.33 60 @ 3.00
EAF801	NOS	European made. NOS.	OB/WB	7
EAM86	NOS	West European made NOS. Magic eye for audio.	OB/WB	POA
EB34	NOS	Mullard, Rogers, Marconi UK USA or Canadian manufacture. NOS clean, identical and guaranteed.	Most GVT box	4.75 6 @ 4.00 200 @ 3.20
EB41	NOS	Mullard, Philips, Siemens, NOS. West European made.	OB	4.00 12 @ 3.50
EB91	NOS	Mazda UK. NOS and uniform appearance.	OB	4.00 20 @ 3.40 50 @ 2.80
EB91	NOS	Mullard UK, printed EB91. NOS and uniform appearance. Blue Mullard box.	OB	4.00 20 @ 3.40 100 @ 2.80
EB91	NOS	Siemens logo West European made NOS. Equivalent to 6AL5.	OB	2.50 10 @ 2.20 200 @ 1.70
EB91 / 6AL5	NOS	Philips Holland NOS.	OB	2.50 10 @ 2.20 100 @ 1.70
EB91 / 12Y4	NOS	These are 12Y4, 1940s Canadian made, Marconi logo. A dual diode similar to 6AL5, but 12Y4 has 12 volt heater and B5 base. For data http://tubedata.philipse.info/ if you have difficulty finding data, please contact our office. We are glad to help customer with data enquires. Please allow 2 working days for replies about data.	Lovely red OB	2.40 400 @ 1.60
EB91 / 5726	NOS	These are 5726 Sylvania logo USA NOS.	Most OB	4.50 20 @ 3.50 200 @ 2.50
EB91 / CV4007	NOS	Printed CV4007. CV4007 is equivalent to EB91. 40 Brimar UK, or 80 Mullard UK, or 80 Sylvania USA.	Most OB	4.20 20 @ 3.80 40 @ 3.70 200 @ 3.50
EB91 / CV4025	NOS	Mullard UK, printed CV4025. EB91 is a double diode that suits audio rectifier circuits. NOS and uniform appearance.	GB/WB	4.20 20 @ 3.80 100 @ 3.50
EB91 / E91AA	NOS	These are E91AA equivalent to EB91. Chose Philips or Philips Miniwatt 20 of each. UK / Holland made. NOS.	GB/WB	6.00 20 @ 5.50 40 @ 5.00

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
EB91 / 6AL5	USED	EB91 is a double diode that suits audio rectifier circuits. Used, not tested or guaranteed. Most will work just fine. Mixed appearance, bulk pack (egg tray) NOT white box. We always pack well for shipping. Most are Mullard UK, printed CV4025, CV140 or CV4007. A few USA made 5726 maybe mixed in. The guarantee is "all or none". If they don't suit your purpose, then return all of them for a refund (you pay return post). Not NOS, not sorted in groups, some have good print but for some print is partly or totally missing. Amazing low price.	BP	50 @ 1.20 250 @ 1.00 500 @ 0.80
EB111	NOS	Telefunken Germany. Telefunken logo, no diamond mark.	WB	POA
EBC3	NOS	Mullard or Valvo, West Europe. NOS. Audio triode + double diode. Similar to half of an ECC32/6SN7GT Data https://frank.pocnet.net/sheetsE.html	GB	8.00 20 @ 7.00
EBC33	NOS	Mullard UK. Grey metalising. Similar to half of an ECC32/6SN7GT.	OB/WB	6.00 10 @ 5.00
EBC33	NOS	Mullard UK. Red metalising. Similar to half of an ECC32/6SN7GT.	OB/WB	10.00 10 @ 9.00
EBC33	Grade 1	Mullard UK. Red metalising. Similar to half of an ECC32/6SN7GT. Test new but scratches on red metalising due to long term storage.	OB/WB	7.50 20 @ 6.50
EBC41	NOS	Mullard, Philips. NOS. Guide price GBP10 wholesale.	WB	POA
EBC91	NOS	Please refer to equivalent 6AV6 .		
EBF80	NOS	Mullard, Marconi and other UK made NOS.	OB	6
EBF80	NOS	Bentley and other USSR NOS.	OB	4.00 40 @ 2.20
EBF89	NOS	Bentley and other East Euro made incl RFT Germany. If you accept bulk pack, not WB, then deduct 25p from price.	OB/WB	5.00 8 @ 4.00 100 @ 2.50
EBF89	NOS	West European and North American brands.	OB/WB	3
EBL1	NOS	Philips West European manufacture.	OB/WB	8
Ec	NOS	Siemens, Germany. Audio tube. Similar to ED. Siemens yellow band logo. 2 pieces the same, inside and out. Data sheet on request.	OB	160.00 2 @ 150.00
Ec	NOS	Siemens. Audio tube. Similar to ED. Siemens logo. 2 pieces: 1 piece looks new, the other piece looks decent but used, because the grey metalising is flaking - therefore reduced price. Data sheet on request.	OB	160.00 2 @ 120.00
EC31	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	POA
EC52	NOS	Mullard, UK. Audio triode. Data: Vf=6.3V, If=430Ma, Va=250V, Ik=10Ma, S=6.5Ma/V.	OB/WB	12
EC53	NOS	CV1197. Mullard, UK NOS. It has an unusual 3-pin base.	GVT/WB	5.00 20 @ 4.00
EC70	NOS	UK and USA NOS.	OB/WB	4
EC80	NOS	Mullard, Philips etc. West Euro made. Audio single triode. NOS. Some similarities to ECC81 double triode.	OB/WB	11
EC81	NOS	Mullard / Philips Holland NOS. With logo. Equivalent to 6R4/. Low noise and low microphony, good gain and great audio sound. Single triode.	GVT	10.00 100 @ POA
EC86	NOS	East Euro made NOS. B9A base. Single triode, not the same as ECC88. Data: Vf=6,3V, If=165Ma, Va=175V, Ik=13Ma, S=13Ma/V, Pa=2W.	Most OB	6.00 10 @ 4.75 50 @ 4.00
EC88	NOS	Mullard logo UK NOS. B9A base. Single triode, not the same as ECC88. Data: Vf=6,3V, If=165Ma, Va=175V, Ik=13Ma, S=13Ma/V, Pa=2W.	MOST OB	6.00 10 @ 5.00 50 @ 4.50
EC88	NOS	Telefunken. Please refer to E88C / 8255, very near equivalent.	OB	POA
EC88	NOS	West European manufacture including Valvo. Single triode, not the same as ECC88.	OB/WB	6.00
EC90	NOS	Equivalent to 6C4W.		
EC91 / 6AQ4	NOS	Mullard logo UK NOS CV4070/CV417. Audio triode with blue glass. Data: Vf=6.3V, If=300Ma, Va=250V, Ik=15Ma, S=9.5Ma/V, Pa=2.5W. EC91 equivalent to 6AQ4 CV4070 CV417.	GVT	100 @ POA
EC91 / 6AQ4 / CV4070	NOS	UK NOS. Very low price. These are probably unused and guaranteed but untested. Print styles are mixed. All are egg crate / bulk pack.	BP	3.20 10 @ 2.50 100 @ 2.00
EC92	NOS	Refer to 6AB4.		
EC93	NOS	Siemens.		5.00 16 @ 4.00

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
EC157	NOS	Philips and French Philips like RT. NOS and 12 months guarantee.	OB/WB	50.00 16 @ 40.00
EC157	NOS	Philips and other good quality brands made in West Europe/USA. Test as new but look like clean used. Guaranteed 3 months.	WB	10.00 16 @ 9.00
EC158	NOS	Philips and French Philips like RT. NOS and 12 months guarantee.	OB/WB	30
EC360	GRADE 1	RFT, German triode tube. Near equivalent to Russian 6C41C but with octal socket. Grade One.	G1	18.00 4 @ 16.00
EC900	NOS	Mullard import. NOS. Suitable for audio tuners.	Most OB	4.00 4 @ 3.20 20 @ 2.80 100 @ 2.40
EC8010	NOS	Siemens gold pin NOS. 100 all identical. Makes a useful SE amp, with 300B, F2A, KT88, EL156. Some similarities to 437A, 3A-167M, EC8020.	OB	40.00 10 @ 36.50 100 @ 34.00
ECC31	NOS	Mullard, logo. UK. NOS. Shoulder shape. Pan getter. Some grey glass, some black glass, some taller, some shorter. In sets of 2 or 4 pieces of identical appearance.	OB/WB	75.00 8 @ 66.00
ECC31	GRADE 1	Mullard, logo. UK. ST shape, test as Grade One. Pan getter.	G1	55
ECC31	NOS	Please refer to 6N7G equivalent.		
ECC32	NOS	2 x Mullard logo black base. 2 x Mullard logo brown base. 2 x Philips logo brown base. All UK, NOS. All matched pair electrically.	OB/GB	420.00 6 @ 400.00 each
ECC32	NOS	Mullard logo UK, NOS. 4 pieces the same appearance, black base, grey glass. But not match pairs electrically.	GB	360.00 6 @ 350.00 each
ECC32 / 6N7GT	NOS	Please refer to 6N7GT Russian, possible alternative, not equivalent. Many hundreds 6SN7GTB listed elsewhere in this list.	OB	POA
ECC32 / EBC33	NOS	These are EBC33 triode + double diode. Similar to half of an ECC32. These are EBC33 or equivalents AR21/CV1055. Mullard NOS, UK made, shoulder shape, octal base. For data http://tubedata.philipse.info/ if you have difficulty finding data, please contact our office. We are glad to help customer with data enquires. Please allow 2 working days for replies about data.	OB/WB	8.00 4 @ 6.00 100 @ 4.80
ECC32	NOS	Please refer to 6F8G as possible alternative.		
ECC33	NOS	Russian.	OB/WB	10
ECC33	NOS	Mullard logo UK, NOS. Tested guaranteed. Set of 3 of the same appearance.	OB/WB	240.00 2 @ 230.00 3 @ 220.00
ECC33	NOS	Mullard logo UK, NOS. Tested guaranteed. Singles, not 2 of the same appearance.	OB	200.00 2 @ 190.00 4 @ 180.00
ECC33	GRADE 1	Mullard, UK with logo. Test as Grade 1. Big base.	G1	175.00 2 @ POA
ECC34	NOS	Mullard logo UK, NOS. Vintage UK manufacture. Sets of 2 pieces same appearance. Tested and guaranteed.	OB	165.00 4 @ 120.00
ECC34	USED	Mullard, UK with logo. Vintage UK manufacture, all identical. Used and not new appearance but tested and guaranteed. Sets of 4 identical should be available.	WB	75
ECC35	USED	Philips or Mullard UK. Used & test only 50-60 percent emission. Set of 2 pieces of identical appearance.	OB	110.00 4 @ 105.00
ECC40	NOS	Mullard logo, West European made, NOS. Out of stock.	OB/WB	POA
ECC40	NOS	Mullard, Philips or other West European made. NOS. Socket is B8A 89SKS.	WB	25
ECC70	NOS	These are CV466 HIVAC NOS, equivalent to ECC70 & 6021. Wire ended. Partly similar to 12AX7, but not equivalent.	WB	12.50 13 @ 11.50
ECC70	NOS	These are CV3986 Mullard military boxed, equivalent to ECC70 & 6021. Mullard UK NOS. Partly similar to 12AX7. NOS, guaranteed & clean. Only 8 pieces available.		12.5
ECC70	NOS	Russian NOS. Printed [Cyrillic script] 6N16B. Wire ended. Data http://audio.ring.lt/pdf/6n16b.pdf . Potential audio type.	WB/OB	3.00 10 @ 2.00 100 @ 1.40
ECC70	USED	Mullard UK equivalent to CV3986 & 6021. Mullard UK, used. Good length leads and guaranteed by Billington Export Ltd. Partly similar to 12AX7.		10 @ 4.25 40 @ £3.50
ECC81		Quantities may be less & prices may have changed. Please email us to check availability, thank you.		POA
ECC81	NOS	See also 6201.		
ECC81	NOS	Amperex Bugle Boy with logo. Made in Holland	OB/WB	30.00

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ECC81	NOS	BILLINGTON GOLD. Chinese manufacture. With guarantee. NOS, clean and tested to a special standard. Great audio quality. Suitable microphones such as groove tube MD1.		10.00 50 @ 9.00
ECC81	NOS	BILLINGTON GOLD. USA manufacture. With guarantee. NOS, clean and tested to special standard. Great audio quality. Supplied in matched pairs at no extra cost.	OB	10.00 50 @ 9.00
ECC81	NOS	Brimar UK NOS. 6060 white "T" logo. "T" is trustworthy.	WB	30.00 40 @ 24.00
ECC81	NOS	Brimar logo, UK NOS. CV4024/12AT7WA Brimar KB/AD Military quality. Made in England. Brimar white logo. Black anode. NOS and tested, guaranteed. Government boxed. Great for hi-fi amps.	GB	33.00 10 @ 32.00
ECC81	NOS	Brimar logo UK NOS. Triple mica	WB	37.50 12 @ 35.00
ECC81	NOS	Brimar logo, UK NOS. Square getter.	WB	37.50 12 @ POA
ECC81	NOS	Brimar logo, UK NOS.	WB	30.00 50 @ POA
ECC81	NOS	Chinese manufacture. Good quality with 60 day guarantee. NOS. Not triple mica construction, hence lower price.	WB	8.00 100 @ 6.25
ECC81	NOS	Chinese manufacture. Triple mica. Other details as ECC81 Chinese above.	WB	8.50 100 @ 7.20
ECC81	NOS	Electro-Harmonix x 10 & EI Yugoslavia x 20. NOS, tested, guaranteed.	OB/WB	15.50 10 @ 12.50 20 @ 12.00
ECC81	NOS	EI Yugoslavian made. NOS. Silver anode.	OB/WB	30.00
ECC81	NOS	EI grey pin. Yugoslavia. NOS tested guaranteed. Grey anode.	WB	34.00
ECC81	NOS	GE, Westinghouse, Raytheon. USA NOS. 50 or 100 of each with logo. Square or D getter. Great for Hi-Fi amps as phase splitters. Good for any amplifier using the 12AT7 tube to restore that classic sound. Very open and smooth sound and reduced microphony. Good A1-A2 balanced anodes.	OB/WB	22.00 10 @ 18.00 100 @ 16.00
ECC81	NOS	GE, Sylvania and Westinghouse, approx 10 of each, with logo. USA NOS. Grey anode and ring getter.	Mostly OB	17.00 Bulk @ POA
ECC81	NOS	GE, USA NOS. Square getter or triple mica or black anode. Clean, tested and guaranteed.	OB/WB	20.00 Bulk @ POA
ECC81	NOS	Heintz logo but Sylvania USA made. NOS with logo, 1950s made. D getter, triple mica, black anode. Clean, tested and guaranteed. 100 pieces the same inside and out. Great for Hi-Fi amps as phase splitters. Very open and smooth sound and reduced microphony.	WB	22.00 More @ POA
ECC81	NOS	Japan NOS. Unused, tested and guaranteed. Mixed appearance, mixed brands hence the bargain price. Grey anode and circle getter. Great for Hi-Fi amps as phase splitters. Good for any amplifier using the 12AT7 tube to restore that classic sound. Very open and smooth sound and reduced microphony.	OB/WB	6.00 100 @ 4.00
ECC81	NOS	JJ logo, grey pin. Made in Slovakia. New / guaranteed.	OB/WB	18.00 16 @ 14.00
PX25	NOS	Marconi logo, UK NOS. Balloon shape. 1 piece only.	WB	600.00
ECC81	NOS	Mazda logo. NOS D getter. Clean, tested and guaranteed. We don't know the country of manufacture. Might be West Europe?	OB/WB	8.00 35 @ 6.40
ECC81		Quantities may be less & prices may have changed. Please email us to check availability, thank you.		POA
ECC81	NOS	Mazda France. NOS.	OB/WB	35.00 10 @ 30.00
ECC81	NOS	Mazda logo. NOS O getter. Clean, tested and guaranteed. French made.	WB	24.00 11 @ 20.00
ECC81	NOS	Mazda, Westinghouse & Raytheon with logo. Made in Japan in the 1960s. Look new / NOS. Look unused. Tested as used around 65 percent emission. Clean and guaranteed. Good quality items and have a good reputation for low noise.	WB	8.00 10 @ 5.00 50 @ 3.50
ECC81	NOS	Mullard, UK Square getter, double suture anode. NOS.	OB/WB	45.00 10 @ 40.00 50 @ 35.00
ECC81	NOS	Mullard NOS. Single suture anode. Square getter. NOS. Tested. UK made (Blackburn). CV455 KB/DA MB, Military spec, TK1-B6E factory code (1956).	OB/WB	50.00 20 @ 40.00

This catalogue is only a guide. Prices are usually accurate, but please contact us to confirm final prices and quantities.

PLEASE ADD 50% RETAIL SURCHARGE FOR ORDERS UNDER GBP240.

TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
ECC81	NOS	Mullard UK, NOS. GVT print CV4024. M8162 Mullard logo. Low noise/microphony, good gain and great audio sound. Double suture anode construction. These get rarer all the time. Double suture Mullard logo version.	GVT box	40.00 100 @ POA
ECC81	NOS	Mullard UK, NOS. Double suture, Mullard but no logo version. Government print "CV4024 QDDK".	WB	21.50 20 @ 18.00 100 @ 20.00
ECC81	NOS	M8162 Mullard, logo UK NOS. Made in Great Britain. Single suture Mullard logo version. Square getter plate.	OB	35.00 10 @ 30.00 50 @ 25.00
ECC81	NOS	M8162 Mullard, logo UK NOS. Made in Great Britain. Single suture. Mullard without logo version.	WB	19.00 5 @ 18.50 100 @ 15.50
ECC81	NOS	Philips Holland or square getter NOS.	OB/WB	45.00 10 @ 40.00
ECC81	NOS	Philips SQ logo UK, NOS. Printed "12AT7WA". Double suture anode. Same as the other Mullard UK CV4024 double suture, except for print style. Polystyrene military box.	MB	19.00 More @ POA
ECC81	NOS	RCA logo, USA. Black anode, O getter. NOS, clean, tested and guaranteed.	OB/WB	17.00 40 @ 13.00
ECC81	NOS	RCA logo, USA. Black anode, D getter. NOS, clean, tested and guaranteed.	OB/WB	21.00 20 @ 15.00
ECC81	NOS	RCA, USA NOS. Circle getter. Please enquire for bulk quantities.	OB	17.00 50 @ 13.00
ECC81	NOS	RCA logo, USA NOS. Triple mica, black anode	Most OB	35.00 10 @ 20.00
ECC81	NOS	RCA logo, USA NOS. D getter. Most black anode. Please enquire for bulk quantities.	Most OB	22.00 Bulk @ POA
ECC81	NOS	RFT, East German. NOS. Flat anode gives great audio sound.	OB/WB	10.00 20 @ 9.00
ECC81	NOS	Sylvania logo USA NOS with logo, 1950s made. Black anode, D getter. Triple mica. Great for Hi-Fi amps as phase splitters. Good for any amplifier using the 12AT7 tube to restore that classic sound. Very open and smooth sound and reduced microphony.	GB	22.00 8 @ 15.00
ECC81	NOS	Sylvania logo USA NOS. Estimate 1960s made. O getter, grey anode. Clean, tested guaranteed. Some 12AT7WA, some 12AT7WB.	OB/WB	8.00 20 @ 7.00
ECC81	NOS	Telefunken logo NOS. West Germany. With diamond "ø" between pins. NOS, tested and guaranteed.	OB	60.00 12 @ 45.00
ECC81	NOS	Toshiba logo made in Japan in the 1960s. NOS tested, clean and guaranteed. Good quality items and have a good reputation for low noise. All the same date code & appearance.	OB	20.00 4 @ 16.50 50 @ 15.50
ECC81	NOS	Toshiba logo made in Japan in the 1960s. Look new/NOS. Look unused. Tested as used, around 65% emission. Clean and guaranteed. Good quality items and have a good reputation for low noise. All the same date code & appearance.	OB	10.00 8 @ 6.50 50 @ 5.00
ECC81	NOS	Tung-Sol logo, USA made NOS. Circle getter. 16 grey and, 16 black anodes. 1960s made.	Mostly OB	17.00 16 @ 15.00
ECC81	NOS	Tung-Sol logo, USA NOS. D getter, grey anode.	OB/WB	22.00
ECC81	NOS	Tung-Sol logo, USA NOS. D getter, grey anode, double mica.	OB/WB	21.00
ECC81	NOS	Tungstram Hungary NOS. Natural sounding, extended top end, tight bass sound. Very good tonal balance and clarity. Tested, identical, guaranteed. All same appearance.	OB/WB	17.50
ECC81	NOS	Valvo logo. NOS. Horseshoe getter. West German made.	WB	40.00
ECC81	NOS	Valvo logo – sold – please enquire.	Most OB	POA
ECC81	NOS	West German made. Logo is Valvo or Siemens or Telefunken. Sets of 2 the same. No diamond between the pins. No <>. NOS. Tested and guaranteed.	OB	40.00

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PLEASE ADD 50% RETAIL SURCHARGE FOR ORDERS UNDER GBP240.

TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
ECC81 / 12AT7WA	NOS	National made in India. NOS tested guaranteed. We are told the Indian factory used Mullard UK technology and tools. The appearance is very similar to Mullard UK single suture. Excerpts from the Effectrode website, in England... <i>"Mullard's empire had a long and mighty reach. Not only did they build advanced tube manufacturing facilities in in Great Britain, but also set up tube plants overseas in Holland, France, Australia (Philips Miniwatt,) and India (Bangalore). These 'foreign made' tubes were manufactured utilising Dutch Philips/Mullard British-supplied tooling and expertise, which meant these tubes were physically identical to their British made counterparts, they had the same shaped anode plates, support micas, the same seamed glass envelope, the same spot welding, same grid wire spacing and, most importantly, the same cathode chemistry and processing. The Bharat Electronics Limited plant in Bangalore India was set up in collaboration with Thompson CSF, France, during 1954 in the early days, components, such as plates, micas etc were shipped to the factory in Bangalore, India from Philips/Mullard in Europe."</i>	Red OB	POA
ECC81 / 12AT7 / E81CC	NOS	Gold pin. Chinese manufacture. NOS. Tested. Good quality, guaranteed.	WB	10.00 20 @ 9.00 50 @ 7.00
ECC81 / B309	NOS	Marconi, UK made. NOS. Grey anode square getter. Sets of 2 pieces of the same appearance. Electrical matched pairs may be possible for a small fee. We have 2 versions. One has 3 circles in the anode, and one that does not.	OB/WB	75.00
ECC81 / B309	NOS	Marconi, UK made. NOS. Grey anode circle getter. Sets of 2 pieces of the same appearance. Electrical matched pairs may be possible for a small fee. We have 2 versions. One has 3 circles in the anode, and one that does not.	OB/WB	32.00 20 @ 28.00
ECC81 / CV2016	NOS	Brimar logo x 4, UK NOS. Mullard x 8, NOS. Same as UK ECC81 except that these have flying leads & brown wafer instead of B9A socket. Very rare item!	GVT	10.00 4 @ 9.00 12 @ 8.00
ECC81		Quantities may be less & prices may have changed. Please email us to check availability, thank you.		POA
ECC81	GRADE 1	Brimar UK 6060. A special quality version of 12AT7. Brimar yellow "T" trustworthy label. Black anode. Great for Hi-Fi amps as phase splitters. Good for any amplifier using the 12AT7 tube to restore that classic sound. Very open and smooth sound and reduced microphony. Rare and desirable item. *As used but over 80 percent emission. Very clean considering it's a used tube.	G1 box	30.00 16 @ 24.00
ECC81	GRADE 1	Brimar logo. UK. Tested as Grade One. O getter.	G1	12.00 4 @ 10.00
ECC81	GRADE 1	Brimar logo. UK. Square or D getter. Clean, tested as Grade One and guaranteed. ** Quantity in stock may be less than shown. Please enquire about actual quantity. We answer promptly**	G1	12.00 More @ POA
ECC81	GRADE 1	MOV, UK Grade One. B309 with logo or sticker.	BB	50.00
ECC81	GRADE 1	Mullard logo UK. Square or D getter. Tested and guaranteed.	G1	25.00 20 @ 22.00 50 @ POA
ECC81	GRADE 1	Mullard logo UK. O getter. Tested as Grade 1. All double suture construction. Includes some double support getter. Includes CV4024 M8162.	G1	14.00 10 @ 13.00 50 @ POA
ECC81	GRADE 1	Mullard logo UK CV4024. Single suture anode. Tested and guaranteed.	G1	13.00 20 @ 12.00 50 @ POA
ECC81	GRADE 1	RFT, East German. Grade One, might be NOS, look almost new but test only 80 percent emission.	G1	7.00
ECC81	GRADE 1	Siemens logo. No diamond mark, but West German made. Test as grade one. Guaranteed. 2 mica.	G1	13.00 10 @ 12.00
ECC81	GRADE 1	Siemens logo. No diamond mark, but West German made. Test as grade one. Guaranteed. Triple mica.	G1	13.00 10 @ 15.00
ECC81	GRADE 1	Sylvania logo. Tests as Grade One. Decent appearance and guaranteed. 64 black anode with O getter, USA made.	G1	10.00 50 @ 8.00
ECC81	GRADE 1	Telefunken, West Germany with diamond "<->" between the pins. Test as Grade One.	G1	25.00 8 @ 40.00

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PLEASE ADD 50% RETAIL SURCHARGE FOR ORDERS UNDER GBP240.

TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
ECC81	GRADE 1	USA made Sylvania and Westinghouse with logo. Test as Grade One. Clean, uniform and guarantee.	BP	5.00 More @ POA
ECC81	GRADE 1	GE USA made. Tests as Grade One. Decent appearance and guaranteed. All triple mica. Most are black anode.	G1	11.50 16 @ 10.00 75 @ 8.50
ECC81		Quantities may be less & prices may have changed. Please email us to check availability, thank you.		POA
6060 / ECC81	USED	Brimar logo, UK. Identical to UK ECC81. Tests as used ie 65-75 percent emission. Guarantee and Brimar T label white logo.	BB	8.50 80 @ 6.50
ECC81 / CV4033	USED	Brimar logo, UK NOS. Identical to UK ECC81 except that these have flying leads (wire ended) instead of B9A socket. They can be soldered straight into the PCBs which yield low noise.	GVT	10.00 20 @ 8.00
ECC81	USED	Brimar UK 6060. A special quality version of 12AT7. Brimar yellow "T" trustworthy label. Black anode. Great for Hi-Fi amps as phase splitters. Good for any amplifier using the 12AT7 tube to restore that classic sound. Very open and smooth sound and reduced microphony. Rare and desirable item. * Over 60 percent emission.	G1 box	20.00 16 @ POA
ECC81	USED	6060 Brimar White "T" logo, UK. All black anode. Used, tested and guaranteed.	WB	19.00 24 @ 16.00
ECC81	USED	Brimar UK. Square getter. All black anode. Used, tested and guaranteed.	WB	18.00
ECC81	USED	Brimar UK, used tested minimum 65% emission, guaranteed. 6060 Triple mica yellow "T" label. "T" is part of the "trustworthy" range.	WB	20.00 40 @ 15.00
ECC81	USED	GE, Sylvania, Westinghouse USA made. With logo. Test as used, approximate 65-75 percent emission. Clean, uniform and guaranteed. These are D getter, or triple mica. Most are black anode. Sets of 10 or 20 or 30 pieces identical appearance.	BP	10.00 16 @ 9.00 100 @ POA
ECC81	USED	Mullard logo UK. SINGLE suture anode. Printed CV4024. Tested as used 65-75 percent emission and guarantee.	WB	8.00 20 @ 7.00
ECC81	USED	Mullard logo UK. DOUBLE suture. O getter. Printed CV4024 M8162. Decent appearance for a used tube.	G1	9.00 10 @ 8.00
ECC81	USED	Mullard/Philips. UK/Holland. D getter. Tested as used 65-75 percent emission, guaranteed.	WB	13.00 10 @ 11.00
ECC81	USED	RCA logo, USA made. Grey anode with circle getter. Used tested, look almost new.	OB/WB	7.00
ECC81	USED	RCA logo, USA made, D or square getter. Black anode. Used tested, look almost new.	OB/WB	16.00 20 @ 14.00
ECC81	USED	Siemens logo. No diamond mark, but West German made. Look nearly new, but test as used. Guaranteed. 2 mica.	WB	9.00 20 @ 8.00
ECC81	USED	Siemens logo. No diamond mark, but West German made. Look nearly new, but test as used. Guaranteed. Triple mica.	WB	10.00 10 @ 9.00
ECC81	USED	Sylvania logo. Tests as used, guaranteed. Clean, uniform and guarantee. D getter, black anode, TRIPLE mica. 24 x black plate. All identical appearance.	BP	15.00 24 @ 12.00
ECC81	USED	Sylvania logo. Tests as used, guaranteed. Clean, uniform and guarantee. D getter, grey anode, TRIPLE mica. Sets of 4 pieces of identical appearance. May include a few Grade 1 amongst the used.	BP	15.00 50 @ 12.00
ECC81	USED	Sylvania logo. Tests as used, guaranteed. Clean, uniform and guarantee. O getter, black anode, double mica. All identical appearance.	BP	4.00 50 @ 3.00
ECC81	USED	Sylvania logo. Tests as used, guaranteed. Clean, uniform and guarantee. O ring getter. 60 x black plate. All identical appearance.	BP	6.00 10 @ 5.00 60 @ 4.00
ECC81	USED	Telefunken logo, West German with "<>" between the pins. Used, tested and guaranteed.	BB	30.00 8 @ 25.00
ECC81	USED	Telefunken logo and <> diamond between pins. West German. These test around 50 or 60 percent emission. This is below normal pass mark, but still useful for many purposes. Decent appearance, good print, guaranteed.	WB	24.00 4 @ 20.00
ECC81	USED	Tung-Sol logo, USA made. 16 D getter. Grey anode 1960s made. Used, tested guaranteed.	WB	9.00 32 @ 6.50
ECC81	USED	Tung-Sol logo, USA made. 30 square or D getter. Black anode 1960s made. Used, tested guaranteed.	WB	12.00 30 @ 11.00

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PLEASE ADD 50% RETAIL SURCHARGE FOR ORDERS UNDER GBP240.

TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
ECC81	USED	Tungsram Hungary, used. Natural sounding, extended top end, tight bass sound. Very good tonal balance and clarity. Used, tested/guaranteed.	OB/WB	11.00 8 @ POA
ECC81	USED	USA made Westinghouse. Used not new appearance but tested strong with guarantee. Sets of 20 pieces identical.	BB	11.00 100 @ 8.00
ECC81	USED	USA made Westinghouse. D getter. Used but tested strong with guarantee. Many look unused.	WB	11.00 200 @ 8.00
ECC81	USED	USA made specials. Tests as used, guaranteed, Sylvania logo. Clean, uniform and guarantee. D getter, most black anode. Sets of 10 or 20 or 30 pieces identical appearance.	BP	11.00 30 @ 8.00
ECC81	NOS	Please refer to ECC91. Possible alternative, not equivalent with common cathode and B7G base.		
ECC82		Quantities may be less & prices may have changed. Please email us to check availability, thank you.		POA
ECC82	NOS	Amperex, Holland bugle boy GBP36 wholesale when available.	WB	POA
ECC82	NOS	BILLINGTON GOLD 12AU7. Made in USA. NOS. High audio quality. Individually tested within very tight limits. Guaranteed. They have a good reputation worldwide. Sometimes Billington Gold USA is also available.	OB	14.00 Bulk @ POA
ECC82	NOS	Brimar logo, UK NOS. D getter, clear top glass. Grey anode.	WB	40
ECC82	NOS	Brimar logo, UK NOS. Square getter, black anode.	WB	55
ECC82	NOS	Brimar UK NOS. Brimar logo. Square side getter, grey anode, clear top. Tested.	OB/WB	40
ECC82	NOS	Brimar red logo, vintage red print. UK NOS. Square getter, grey anode.	WB	100
ECC82	NOS	Brimar logo, UK made 12AU7. NOS, guaranteed. Grey normal anode. Circle O getter plate.	OB	30.00 32 @ 27.50
ECC82	NOS	Brimar logo, UK made. NOS, guaranteed. Black anode. Circle getter.	Most OB	38
ECC82	NOS	Brimar logo, UK made 12AU7. NOS, clean, tested and guaranteed. Good for high end hi-fi. Grey long anode. Circle O getter plate.	Most OB	32.00 60 @ 30.00
ECC82	NOS	Chinese manufacture. Good quality with 60 day guarantee. NOS. made by Beijing or Shuguang factory.	WB	7.50 10 @ 5.50
ECC82	NOS	Chinese. In short supply throughout 2020. Please consider USA or Japanese made. Listed on this page or the next page.	BP	POA
ECC82	NOS	Japan NOS. Unused, tested and guaranteed. Most are Mazda, Westinghouse, Raytheon or Toshiba. Great for Hi-Fi amps as phase splitters. Good for any amplifier using the 12AT7 tube to restore that classic sound. Very open and smooth sound and reduced microphony.	OB/WB	12.00 8 @ 11.00 50 @ 10.00
ECC82	NOS	EH. Not in stock. Please consider Tungsram Hungary, RFT, German or USA made. Listed on this page on the next page.	OB/WB	POA
ECC82	NOS	EI Yugoslavian made. NOS.	OB/WB	19
ECC82	NOS	Full music logo, Mullard, CV4003 style box anode. Gold pins. Chinese made. Balanced tone, tight bass, sweet mids and well-defined highs. Price is per tube. Match pair can be arranged.	OB	25.00 12 @ 16.00
ECC82	NOS	GE, Raytheon, Sylvania, Westinghouse. Gold box. USA made, NOS, clean, tested, guaranteed, uniform. Most have logo. O ring getter.	Most OB	17.50 20 @ 13.00 100 @ 12.00
ECC82	NOS	50 GE, 50 Sylvania, 50 Westinghouse, 50 Raytheon. All USA NOS with logo. All square or D getter, some black anode. All sets of 4 or more of identical appearance. NOS, clean, tested and guaranteed. Great for Hi-Fi amps as phase splitters. Open and smooth sound.	OB/WB	24.00 8 @ 16.00 100 @ 15.00
ECC82	NOS	Mazda logo, UK made 12AU7. NOS, clean, tested and guaranteed. Grey anode. Circle O getter plate. Anode appearance resembles Brimar UK or Mullard UK.	OB	20.00 10 @ 19.00 20 @ POA
ECC82	NOS	Mazda logo, French made 12AU7. NOS, clean, tested and guaranteed. Grey anode. Circle O getter plate.	OB	35.00
ECC82	NOS	Mullard logo. Square getter. 2 have box anode. CV403, 1 has long ladder anode. UK made, tested, guaranteed.	WB	250.00 3 @ 230.00

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
	NOS	Mullard / Philips logo, UK / Holland with square getter. NOS and tested 100 percent emission with guarantee. foil getter.		200.00 4 @ POA
ECC82	NOS	Mullard, logo. UK. NOS. M8136. CV4003. Box anode, tested, guaranteed.	Blue Box	82
ECC82	NOS	Mullard logo, UK NOS. Square getter. Goal post support.	WB	200
ECC82	NOS	Mullard logo, UK NOS. O getter, long anode. All have goal post support.	WB	120
ECC82	NOS	Genuine UK. NOS manufacture by Mullard, CV4003. Box anode, but military print, instead of logo.	GB	80
ECC82	NOS	Mullard ladder anode. UK/Holland NOS with logo. Tested, guaranteed. Some ring getter, some parasol getter. Please advise your preference.	Most OB	45.00 30 @ 33.00
ECC82	NOS	Mullard ladder anode. Made in Holland, NOS with logo. Tested, uniform.	Most OB	45.00 16 @ 33.00
ECC82	NOS	JJ. Not in stock. Please consider Tungsram Hungary, RFT German or USA made. Listed on this page on the next page.	OB/WB	POA
ECC82	NOS	Philips logo, West Europe NOS. 1 or 2 only.	OB/WB	34
ECC82	NOS	Raytheon, Westinghouse and other Japanese. NOS.	OB	13.00 50 @ 10.00
ECC82	NOS	RCA logo, USA NOS with RCA acid etch. Clear top version. All identical, tested and guarantee. All identical appearance.	OB	30.00 10 @ 27.00 30 @ 24.00
ECC82	NOS	RCA logo, USA NOS with RCA acid etch. Square getter version. Long black anode. All identical, tested and guarantee.	OB	30.00 36 @ 28.00 100 @ 18.50
ECC82	NOS	RCA logo, USA NOS with RCA acid etch. O getter and silver splash getter versions. All identical, tested and guarantee.	OB	20.00 10 @ 15.00
ECC82	NOS	RCA with logo and acid etch. USA NOS. Square / D getter version. Grey anode. All identical, tested and guaranteed.	OB	25.00 30 @ 22.00 100 @ 17.50
ECC82	NOS	RFT East Germany. One of the quietest ECC82 ever made. Low noise, low microphony. When available approx GBP20.00.	OB/WB	POA
ECC82	NOS	Siemens West Europe, NOS, Stock please enquire.	OB/WB	POA
ECC82	NOS	Telefunken, West German with logo and diamond <> mark. NOS. Set of 4 of the same appearance. Matched pairs usually available.	Most OB	110.00 4 @ 105.00
ECC82	NOS	Tesla vintage Czechoslovakian. Estimated 1970s. Tesla logo, clean, tested and guaranteed.	OB	12.00
ECC82	NOS	Tung-Sol logo, USA NOS black glass.	WB	30.00
ECC82	NOS	Tung-Sol, USA made NOS with logo. Grey anode, D getter. Clear glass.	OB/WB	20.00 10 @ 19.00 50 @ POA
ECC82	NOS	Tung-Sol, USA made NOS with logo. Black glass.	OB/WB	30.00
ECC82	NOS	Tung-Sol, USA made NOS with logo. O getter. Clear glass.	OB/WB	16.00 20 @ 14.00
ECC82	NOS	Tungsram Hungary NOS. Natural sounding, extended top end, tight bass sound. Very good tonal balance and clarity. Tested, identical, guaranteed. All the same appearance.	WB	17.50 20 @ 15.00
ECC82		Quantities may be less & prices may have changed. Please email us to check availability, thank you.		POA
ECC82 10M	NOS	Mullard 10M logo - UK NOS with ladder anode. Grey pin. When available GBP 150 wholesale guide price.	OB	POA
ECC82 / 6AU7	NOS	These are 6AU7, partly similar to ECC82 but different heater. Tung-Sol, USA made NOS with logo. D getter. Clear glass.	OB	7.50 10 @ 5.00

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
ECC82 / 12AU7	NOS	Mullard logo made in India. Printed "Mullard Import ECC82". NOS tested guaranteed. We are told the Indian factory used Mullard UK technology and tools. The appearance is very similar to Mullard UK. Excerpts from the Effectrode website, in England... "Mullard's empire had a long and mighty reach. Not only did they build advanced tube manufacturing facilities in in Great Britain, but also set up tube plants overseas in Holland, France, Australia (Philips Miniwatt) and India (Bangalore). These 'foreign made' tubes were manufactured utilising Dutch Philips/Mullard British-supplied tooling and expertise, which meant these tubes were physically identical to their British made counterparts, they had the same shaped anode plates, support micas, the same seamed glass envelope, the same spot welding, same grid wire spacing and, most importantly, the same cathode chemistry and processing. The Bharat Electronics Limited plant in Bangalore India was set up in collaboration with Thompson CSF, France, during 1954 in the early days, components, such as plates, micas etc were shipped to the factory in Bangalore, India from Philips/Mullard in Europe."	Blue Mullard box	17.00 20 @ 15.50
ECC82 / 5963	NOS	ECG Philips. Refer to 5963 entry on (around) page 54.	GVT	
ECC82 / 6067	NOS	Brimar white 'T' logo, trustworthy. UK NOS. Tests NOS, looks NOS. 17mm grey anode. Brimar UK with O getter. Guaranteed. 12 pieces the same appearance.	OB	60.00 12 @ 48.00
ECC82 / 6189W	NOS	Please refer to 6189W Philips and Sylvania logo, USA for good quantity of NOS, clean stock.	OB/WB	Refer to 6189W for prices
ECC82 / B329	NOS	These have original print "B329" and MWT logo. MWT was part of Marconi group. UK made. The box anode looks the same as Mullard CV4003/M8136. Square getter . 2 have box anode. 1 has long ladder anode. NOS. Tested as NOS, guaranteed.	WB	250.00 3 @ 230.00
ECC82		Quantities may be less & prices may have changed. Please email us to check availability, thank you.		POA
ECC82	GRADE 1	Amperex Holland with Bugle Boy logo. Tested as Grade One, with guarantee. 9 pieces.	G1	27.00
ECC82	GRADE 1	Brimar UK. Long anode. Brimar T logo. Tested as Grade One.	G1	30.00 8 @ 25.00
ECC82	GRADE 1	50 GE, 50 Raytheon logo and 50 Sylvania. All square getter. Some long anode and some black anode . All USA made. Grade One tested with guarantee. Sets of 8 pieces identical appearance. Some look nearly new.	G1	18.00 4 @ 15.00 70 @ 11.00
ECC82	GRADE 1	Mazda logo. UK made 12AU7. Clean, tested and guaranteed. Grey anode . Circle O getter plate. Grade One. 20 pieces	G1	13.00
ECC82	GRADE 1	Mullard, Box anode, ring getter , M8136 – made in UK. Tested as Grade One.	G1	52.00
ECC82	GRADE 1	Mullard, logo, UK with long ladder anode . Grade One tested and guaranteed.	G1	70.00
ECC82	GRADE 1	Mullard logo, ladder anode . Made in UK/Holland. Guarantee. Test as Grade One. Small stains in the glass. Mullard 7 digit code. Sets of 2 pieces identical appearance.	G1	30.00 10 @ 25.00 50 @ 22.00
ECC82	GRADE 1	Mullard, square getter.	G1	80.00
ECC82	GRADE 1	RCA logo, USA with RCA acid etch. Clear top version. D getter. All identical, tested and guarantee. Tests as G1. Good appearance but small stain in the glass.	G1	20.00 24 @ 16.00
ECC82	GRADE 1	RCA logo, USA with RCA acid etch. Square getter version. Black anode . All identical, tested and guarantee. Tests as G1.	G1	22.00 50 @ 18.00
ECC82	GRADE 1	RCA logo, USA with RCA acid etch. Square getter version. Grey anode . All identical tested and guarantee. Tests as G1.	G1	15.00
ECC82	GRADE 1	Sylvania, logo, grey anode , many are long anode. USA made. Clean, tested as Grade One. Guaranteed uniform.	G1	12.00
ECC82	GRADE 1	Sylvania, USA with logo. Square or D getter . Tested as Grade One.	G1	22.00

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PLEASE ADD 50% RETAIL SURCHARGE FOR ORDERS UNDER GBP240.

TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
ECC82	GRADE 1	Telefunken, West Germany with logo and "ø" mark. NOS. Test As Grade One. Small stains in the glass.	G1	50.00
ECC82	GRADE 1	Telefunken, West Germany with logo and "ø" mark. Blue label. Tested emissions 80 percent. Used guarantee.	G1	55.00 8 @ 45.00
ECC82	GRADE 1	Tung-Sol, USA made NOS with logo. Square or horseshoe shape getter. Tests at 80 or 90 percent emission ie Grade One. Good tonal balance and clarity. Clear glass.	G1	20.00 20 @ 17.50
ECC82	GRADE 1	Tung-Sol, USA made NOS with logo. Square or horseshoe shape getter. Tests at 80 or 90 percent emission ie Grade One. Good tonal balance and clarity. Black glass.	G1	25.00 Bulk @ POA
ECC82		Quantities may be less & prices may have changed. Please email us to check availability, thank you.		POA
ECC82	USED	Brimar UK with square or D getter & black anode . Used, tested approximately 70 percent emission and guarantee. Not new appearance but clean. Some printed 6067 T logo.	WB	25.00 16 @ 22.00
ECC82	USED	Brimar UK with square or D getter & long grey anode . Used, tested approximately 70 percent emission and guarantee. Not new appearance but clean. Some printed 6067 T logo.	WB	42.50 10 @ 37.50
ECC82	USED	Brimar logo UK made. O getter & long grey anode . All tested, many test nearly new. Good appearance, but not new appearance. Sold at used price.	WB	12.50 50 @ 11.00
ECC82	USED	Various: 50 GE, 50 Raytheon logo and 50 Sylvania. All square getter. Some long anode and some black anode. All USA made. Used and test 65-75 percent emission with guarantee. Sets of 8 pieces identical appearance. Some look nearly new.	WB	20.00 50 @ 10.00 150 @ 8.00
ECC82	USED	GE, USA. Believed 1950s made. Long anode. Special anode construction. D getter. Tests at 65 or 75 percent emission. Guarantee.	OB/WB	20.00 10 @ 16.00 30 @ 10.00
ECC82	USED	GE, USA. O getter. Tests at 65 or 75 percent emission. Guarantee.	OB/WB	8
ECC82	USED	Mullard logo UK made, used. These test around 50 or 60 percent emission. This is below normal pass mark, but still useful for many purposes. Decent appearance, good print, guaranteed. O getter normal grey anode.	WB	16.00 8 @ 12.50
ECC82	USED	Mullard logo UK made used. Long grey anode, goalpost support. Square getter. These test around 50 or 60 percent emission. This is below normal pass mark, but still useful for many purposes. Decent appearance, good print, guaranteed.	WB	50.00 30 @ POA
ECC82	USED	Mullard logo UK / Holland. Low emission. These test around 50/60 percent emission. This is below normal pass mark, but useful for some purposes. Decent appearance, good print, guaranteed.	WB	13.00 20 @ 12.00
ECC82	USED	Mullard, UK / Holland. Ladder anode, O getter in sets of identical appearance. Used and not new appearance but tested 65-75 percent emission. Guaranteed.	WB	25.00
ECC82	USED	Mullard / Philips logo, UK / Holland with square getter. Used and tests 65-75 percent emission with guarantee. Most are goal post support. 2 or 3 foil getter. 1 or 2 welded anode. Tested, guaranteed.	WB	110.00 8 @ 97.50
3A3 - 3A3C - 3A3A	NOS	USA NOS	OB/WB	5.00
ECC82	USED	Mullard logo UK made. Used. Test around 50-60 percent below normal standards but useful for many applications. Goal post support. Square getter. Tested, guaranteed.	WB	75.00 8 @ POA
ECC82	USED	Mullard logo, UK. O getter. Goal post support.	WB	150.00
ECC82	USED	Genuine UK. Mullard logo. CV4003. M8136. Used but good appearance. Tests around 65-75 percent emission.	WB	40.00 6 @ 35.00
ECC82	USED	Raytheon logo, Westinghouse logo or Mazda logo. O getter plate. All Japan made. Used and test 65-75 percent emission with guarantee. Sets of 8 pieces identical appearance.	WB	6.00 50 @ 4.80
ECC82	USED	RCA logo, USA with RCA acid etch. Clear top version . All identical, tested and guarantee. Decent appearance for a used tube. Many test fairly near to new.	WB	20.00 8 @ 17.50

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
ECC82	USED	RCA logo, USA with RCA acid etch. Square getter, black anode. All identical, tested and guarantee. Decent appearance for a used tube. Many test near to new.	WB	20.00 30 @ 12.50 100 @ 10.00
ECC82	USED	RCA logo, USA made. Square / D getter, long black anode plate. Many look unused, but sold as a used tube at a used price. Test between 60 - 75 percent emission. Guaranteed.	OB	15.00 4 @ 14.00 30 @ 13.00 75 @ 12.00
ECC82	USED	RCA logo, USA made. Square / D getter, long grey anode plate. Many look unused, but sold as a used tube at a used price. Test between 60 - 75 percent emission. Guaranteed.	OB	14.00 4 @ 13.00 40 @ 12.00
ECC82	USED	RCA logo, USA with RCA acid etch. Square getter, grey anode. Decent appearance for a used tube. But many test fairly near to new. Guaranteed.	WB	15.00 30 @ 12.00
ECC82	USED	Sylvania, USA with logo. O getter. Used not new appearance. Tests at 65 or 75 percent emission. Guarantee.	BP	8.00 Bulk @ POA
ECC82	USED	Telefunken, West Germany with logo and "ø" mark. Tested used guarantee.	G1	35
ECC82	USED	Tung-Sol, USA made with logo. Square or horseshoe shape getter. Tests at 65 or 75 percent emission. Clear glass.	WB	15.00 20 @ 12.00
ECC82	USED	Tung-Sol, USA made with logo. Square or horseshoe shape getter. Tests at 65 or 75 percent emission. Black glass.	WB	15.00 Bulk @ POA
ECC82	USED	Tungsram Hungary. Natural sounding, extended top end, tight bass sound. Very good tonal balance and clarity. Used, tested, guaranteed. All same appearance.	OB/WB	9.00 8 @ 7.00
ECC82		Quantities may be less & prices may have changed. Please email us to check availability, thank you.		POA
ECC82	NOS	Equivalent to 12AU7 .		
ECC82	NOS	Please refer to 9AU7 . Equivalent to each other but ECC83 has 6.3V heater, 9AU7 has 9V heater.		
ECC82	NOS	Please refer to 6350 , possible alternative . Adapters can be found on the Internet to convert 6350 into 6SN7, ECC88, ECC82 etc.		
ECC83	NOS	Amperex bugle boy logo Holland. NOS. Test as new. Good appearance. Mullard, 7 digit code. Supplied in sets of 4 pieces identical appearance, the same inside and out. Electrical match pairs can be arranged.	WB	95.00 More @ POA
ECC83	NOS	BILLINGTON GOLD. Chinese made by the Psvane factory individually tested within very tight limits and inspected for superior physical conformity. Guaranteed. A good reputation worldwide especially amongst Asian audiophiles. Supplied in attractive blue/red/gold boxes.	OB	15.00 50 @ POA
ECC83	NOS	Brimar logo, UK made. O getter. Some are CV4004 / 12AX7 Brimar England ribbed plates.	OB/WB	60.00 12 @ 57.50
ECC83	NOS	Brimar logo, UK made. Square or D getter. 2 grey anode 2 black anode.	OB/WB	120.00 4 @ 115.00
ECC83	NOS	ECC83 NOS. Chinese manufacture. NOS tested, guaranteed. Unused and clean believed to be made by Shuguang or possibly Beijing factory, China. Deduct 25p if you will accept bulk pack / egg crate (25p off for no box).	WB	12.00 10 at 10.00 100 at POA
ECC83	NOS	Chinese manufacture. NOS tested, guaranteed. Unused and clean, made by Shuguang in China. Deduct 25p if you will accept bulk pack / egg crate (25p off for no box).	WB	12.00 50 @ 8.00
ECC83	NOS	Psvane Chinese manufacture. NOS tested, guaranteed. Unused and clean.	OB/WB	15.00 100 @ 11.40
ECC83	NOS	EI logo. Grey pin. Yugoslavia. Grey plate. NOS tested guaranteed.	WB	40
ECC83	NOS	EI, made in Yugoslavia. NOS, tested and guaranteed. 12AX7. Shiny silver anode that some people call "silver bullet."	WB	35
ECC83	NOS	Electro-Harmonix Russia. Quantity is limited to stock that we have on the shelf today (50 pieces) NOS guaranteed. We bought these cheaply last year at "last year's price".	WB	18.50 50 @ 11.50

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
ECC83	NOS	Russian Electro-Harmonix. Big quantities available from overseas supplier at "this year's price". Arriving at Billington Export 10 days after your payment. New guaranteed.	OB	19.00 10 @ 17.00 100 @ 14.00 500 @ POA
ECC83	NOS	Russian unused, look new, test used around 65 percent. Believed to be Sovtek. Type # only printed on glass.	WB	10.00 16 @ 7.00
ECC83	NOS	Russian unused, look new, test used only 50 percent outside normal parameters. Useful for some applications around 65 percent. Believed to be Sovtek. Type # only printed on glass.	WB	5.00 12 @ 4.00
ECC83	NOS	USA made NOS with logo. Tested. O getter. Grey anode plate. Westinghouse, Sylvania, GE, Raytheon. Usually 4 pieces of each but often 8 pieces of each. Please ask for today's stock levels.	OB/WB	37.50 4 @ 32.00 20 @ 26.00 40 @ POA
ECC83	NOS	12Ax7 Raytheon, GE USA made NOS with logo. Tested and D getter. Grey anode plate.	OB/WB	48.00 8 @ 42.00
ECC83	NOS	12AX7 Raytheon, GE USA made with logo. Tested as used, D getter. Grey anode plate.	OB/WB	48.00 8 @ 42.00
ECC83	NOS	GE, Raytheon, Sylvania, Westinghouse. USA made NOS with logo. Tested and D or square getter.	Mostly OB	50
ECC83	NOS	Mullard style tube. Made by Shuguang factory in China. New clean/guaranteed.	WB	15
ECC83	NOS	JJ logo, made in Slovakia. In stock.	WB	20.00 8 @ 19.00
ECC83	NOS	JJ logo, made in Slovakia. Unused and look new, but emission is only 65-85 percent (not 100 percent), hence half price.	WB	10.00 10 @ POA
ECC83	NOS	Japan NOS tested, guaranteed. Mazda, Raytheon & Westinghouse. Sets of 2 pieces of the same appearance. Some are D getter.	OB/WB	14.00 8 @ 12.50
ECC83	NOS	Mullard, most have logo. UK manufacture. Ladder anode. Mullard 7 digit code. NOS, tested, guaranteed.	OB/WB	85
ECC83	NOS	Mullard logo, UK or Holland manufacture. Ladder anode. Mullard 7 digit code. NOS, tested, guaranteed.	OB/WB	82.00 8 @ 75.00
ECC83	NOS	Mullard UK manufacture. D or square getter. NOS sometimes in stock. Guide price GBP 300.	OB/WB	POA
ECC83	NOS	Mullard logo, UK. NOS. M8137. CV4004. Box anode.	OB/WB	140.00 4 @ 120.00
ECC83	NOS	Mullard UK manufacture. D or square getter. NOS. A few pieces in stock.	OB/WB	250.00 4 @ 200.00
ECC83	NOS	Mullard UK manufacture. Square support O getter. Long anode. NOS and tested. A few pieces in stock.	GBP	175.00 2 @ 165.00
ECC83	NOS	Psvane manufacture, Chinese. Guaranteed. Unused and clean.	WB	12.00 50 @ 11.60
ECC83	NOS	RCA logo, USA made NOS. 12AX7. D getter. Black anode. Few remaining.	Mostly OB	80.00 8 @ POA
ECC83	NOS	RCA logo, USA made NOS. 12AX7. Ring getter. Grey anode.	Mostly OB	65.00
ECC83	NOS	RFT made in Germany at Mulhausen factory. RFT "N" logo, NOS. Tested/guaranteed. Folded 1 piece anode gives low microphony.	WB/OB	33.00
ECC83	NOS	Sovtek logo 12AX7WXT. New clean uniform guaranteed. These are unused and guaranteed but emission around 50-60 percent. We are told they are specifically designed that way to be better for guitar amplifiers.	WB	7.00
ECC83	NOS	Svetlana Russia "C logo" version. Not later cheaper "S logo" style. Made in year 2000 - 2005. Silver anode.	WB	45.00 4 @ 40.00
ECC83	NOS	Telefunken logo, West German with diamond mark. NOS tested/guaranteed.	OB	125.00 8 @ 115.00
ECC83	NOS	Tesla NOS. Vintage Czechoslovakia, 1970s or 1980s made. Not JJ. Tesla logo, clean, tested and guaranteed.	OB	50.00 4 @ POA
ECC83	NOS	Tung-Sol Russia. New & guaranteed. Regret no discount of any kind including "over GBP 3,000 discount".	OB	21.50 100 @ 20.00
ECC83	NOS	Tungsram Hungary NOS. Tested, guaranteed.	OB/WB	30.00 2 @ 28.00
ECC83	NOS	Please refer to 5755 Western Electric USA made for low cost alternative, not equivalent. 5755 is very similar to ECC83, both are B9A base, but the pin out varies. We have several hundred 5755. Data ECC83: Vf=6,3V, If=300Ma, Va=250, Ik=1, S=1,6, Pa=2x1 Data 5755: Vf=6,3V, If=300Ma, Va=200, Ik=3, S=1,6, Pa=2x1.		

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
ECC83	NOS	Please refer to 6F5GT for possible alternative, not equivalent. 6F5GT is octal based and roughly equivalent to half an ECC83. Refer to data provided.		
ECC83	NOS	Equivalent to 5751, CV4004, 12AX7WA.		
ECC83 / 6EU8	NOS	Please refer to 6EU8 for possible alternative, not equivalent.		
ECC83 / 7058	NOS	4 pieces GE USA NOS and a few mixed USA. NOS. Low noise, low microphony. 7058 do not always have a centre tap (pin 9 on the tube) so will not always work as a plug in replacement for ECC83 in guitar amps where the tube heater supply is only 6.3V, but are a strong high-quality NOS ECC83.	Most OB	40.00 4 @ 35.00
ECC83 / B339	NOS	GEC UK NOS. Guide price GBP300 wholesale.	OB/WB	POA
ECC83	GRADE 1	Amperex, Holland with Bugle Boy logo. Tested as Grade One with guarantee.	G1	60
ECC83	GRADE 1	Brimar logo, UK made. Square getter. They test 80 percent emission or more.	G1	90
ECC83	GRADE 1	Brimar logo, UK made. O getter. These are CV4004 / 12AX7 Brimar England ribbed plates 1960s made. They test at least 80 percent emissions. 2 different constructions.	G1	40.00 8 @ 37.50
ECC83	GRADE 1	Mullard UK manufacture. D or square getter. Grade 1. A few pieces in stock.	G1	140
ECC83	GRADE 1	Mullard logo, UK/Holland. Ladder anode. Test minimum 80 percent emission. Many test near new but Grade One appearance with small stains in the glass.	G1	47.50 20 @ 44.00
ECC83	GRADE 1	Mullard, logo, UK. NOS. Test as new, look almost new but the top getter has some black stains. Therefore sold at Grade One price. M8137. CV4004. Box anode. Mullard, 7 digit code in the glass.	WB	115
ECC83	GRADE 1	Raytheon, Sylvania etc. USA made with logo. Test as Grade One. D or square getter GBP40 wholesale. Circle getter GBP30 wholesale.	G1	POA
ECC83	GRADE 1	Raytheon logo, Japanese Grade One.	G1	11
ECC83	GRADE 1	RCA logo. USA made Test as Grade 1, 80% emission 12AX7. D getter or ring getter, usually in stock. Black anode.	G1	8 @ POA
ECC83	GRADE 1	Siemens Halske "S" logo, West German. The classic double support getter. Estimated 1960s made. Good print and surprisingly clean for a used tube. Most look almost new. They test nearly new but are sold as Grade 1 at 25 percent discount.	G1 box	60.00 12 @ 50.00
ECC83	GRADE 1	Siemens Halske "S" logo, West German. 1 piece triple mica, 1 piece long anode. Also 3 pieces that we think are Siemens made with MCP manufacture code, it is hard to read the code between the pins. Estimated 1950s/60s made. Good print, look almost new, test nearly new but are sold as Grade 1 at 25 percent discount.	G1 box	175.00 2 @ 170.00
ECC83	GRADE 1	Svetlana Russia "C logo" version. Not later cheaper "S logo" style. Made in year 2000 - 2005. Silver anode. Unused and look new but test around 80 percent emission.	WB	35.00 4 @ 32.00
ECC83	GRADE 1	Sylvania, USA 1950s made. D getter. These are given fantastic reviews in audio websites. Super audio sound. Enquire re bulk quantity.	G1	30
ECC83	GRADE 1	Telefunken logo. Diamond between the pins <>. Tested emissions 80 percent minimum.	G1	80.00 4 @ 75.00 8 @ 70.00
ECC83	GRADE 1	Tung-Sol, USA NOS early 1950's made. Special D getter otherwise known as horseshoe or stirrup getter. These are given fantastic reviews in audio websites. Super audio sound. Tested to Grade One.	G1	30
ECC83	USED	Amperex, Bugle Boy logo vintage. Holland manufacture with "ladder" anode. Clean, tested and 3 month guarantee. Tested used at 70 percent emission or more.	OB/WB	40
ECC83	USED	Brimar UK made. Tested working approx 65-75 percent emission. Square or D getter plate. Some have white Brimar T logo.	OB	70.00 8 @ POA

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
ECC83	USED	Brimar logo, UK made. Used but tested 65 - 75 percent emission. Decent appearance, good print. O getter. Guaranteed. Excellent in phono stage, sound is detailed, smooth, warm and rich.	WB	27.50 25 @ 25.00
ECC83	USED	Brimar logo, UK made. Used but decent appearance, good print. O getter. Guaranteed. Excellent in phono stage, sound is detailed, smooth, warm and rich. Used and test 50-60 percent emission. This is below normal "approved standard", but still useful for many applications. Due to low emission, a bargain price. When available.	OB/WB	POA
ECC83	USED	Brimar logo, UK made. Tested around 65 or 75 percent emission. Used but decent appearance, good print. O getter. Guaranteed. Excellent in phono stage, sound is detailed, smooth, warm and rich. 4 pieces construction "A", 4 pieces construction "B", 2 pieces construction "C". When available.	WB	25.00 4 @ 21.00 16 @ 20.00
ECC83	USED	GE, Raytheon Sylvania, D getter . Used tested. USA made. Larger quantities sometimes available.	WB	21
ECC83	USED	GE, Raytheon Sylvania, O getter . Used tested. USA made. Larger quantities sometimes available.	WB	12
ECC83	USED	EI made in Yugoslavia. Used, tested and guaranteed. 12AX7. Telefunken style smooth grey anode plate.	WB	18
ECC83	USED	EI made in Yugoslavia. Used, tested and guaranteed. 12AX7. Silver anode plate.	WB	14
ECC83	USED	Japan used, tested, guaranteed. Mazda, Raytheon & Westinghouse. Sets of 2 pieces of the same appearance. Used tested over 60 percent emission. Test at 1.0 MA/V, or more where 100 percent is 1.6ma/v.	WB	7.00 20 @ 5.50
ECC83	USED	Mullard logo. UK made with guarantee. These test at 40 to 60 percent emission. Normal pass mark is 65 percent. Due to low emission, these are 4 times cheaper than NOS.	WB	21
ECC83	USED	Mullard logo box anode CV4004 or long anode used. These test around 50 or 60 percent emission. This is below normal pass mark, but still useful for many purposes. Decent appearance, good print, guaranteed. 4 are box anode CV4004, M8137. 4 are long anode Mullard UK.	WB	50.00 4 @ 45.00 8 @ 40.00
ECC83	USED	Mullard, logo, UK with box anode. CV4004 M8137 style. Used not new but tested. Guaranteed.	OB/WB	60
ECC83	USED	Mullard, logo, UK or Holland. D or square getter. Used not new but tested. Guaranteed. Guide price GBP200.	OB/WB	POA
ECC83	USED	Mullard, logo, UK ECC83 with normal ladder anode. O getter. Used not new appearance with some stains in the glass but decent appearance. Tested and guaranteed. Mullard, 7 digit code. Supplied in sets of 2 pieces identical appearance.	BB	36.00 20 @ 28.00
ECC83	USED	Mullard UK manufacture. Square support O getter. Long anode. Used, tested. A few pieces in stock.	GBP	100.00 2 @ 95.00
ECC83	USED / GRADE 1	RCA logo, USA made NOS. 12AX7. D getter. Black anode. Used or grade 1, test between 60-90 percent of NOS book test reading.	OB/WB	32.50 8 @ 27.50
ECC83	USED	RCA logo, USA made NOS. 12AX7. O or D getter. Most black anode. Used & test outside usual test parameters (between 50-60 percent of NOS). They are still useful for repairs etc.	OB/WB	20.00 16 @ 15.00
ECC83	USED	RCA logo, USA made 12AX7. Used not new and some light stains in the glass. Tests approximately 65-75 percent gm. Square getter. Most are grey anode.	WB	30.00 8 @ 25.00 12 @ POA
ECC83	USED	RCA logo, USA made 12AX7. Used not new and some light stains in the glass. Tests approximately 65-75 percent gm. O getter.	WB	25.00 12 @ 20.00
ECC83	USED	RFT East German.	WB	16
ECC83	USED	RFT Mulhausen. Used, tested guaranteed. Folded 1 piece anode gives low microphony.	WB/OB	12
ECC83	USED	Svetlana Russia "C logo" version. Not later cheaper "S logo" style. Made in year 2000 - 2005. Silver anode. Unused and look new, but test around 65 percent emission.	WB	22.00 4 @ 20.00

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
ECC83	USED	Telefunken logo. Diamond between the pins <>.	G1	60.00 8 @ 50.00
ECC83	USED	Telefunken logo, West German with <> mark. Some smooth anode, some ladder anode. Used not new appearance, but guaranteed. Good print. Tested around 65-75 percent emission approximate.	WB	52.50 8 @ 47.50
ECC83	USED	Telefunken low emission . These test around 50 or 60 percent emission. This is below normal pass mark, but useful for some purposes. West German with diamond mark, logo and <>. Some smooth anode, some ladder anode. Decent appearance, good print, guaranteed.	WB	30
ECC83	USED	Tesla logo vintage Czechoslovakian. Estimated 1960s manufacture. Good print. Used, clean, tested and guaranteed.	OB	25.00 4 @ 22.50
ECC83	USED	Tungsrham Hungary made in 1960s or 1970s with yellow print. 8 pieces look the same. Decent appearance but test somewhat lower (emission 65 or 75 percent). Many people say these make a great low cost alternative to Mullard, UK/RCA USA.	WB	16.00 8 @ 14.00
ECC83	USED	USA. Raytheon, Sylvania etc. With logo. With guarantee. These test at 40 per cent to 60 percent emission. Normal pass mark is 65 percent. Due to low emission, these are 4 times cheaper than NOS.	WB	9.00 25 @ 7.00
ECC83	USED	USA. RCA logo. With guarantee. These test at 40 - 60 percent emission. Normal pass mark is 65 percent. Due to low emission, these are 4 times cheaper than NOS.	WB	15.00 15 @ 12.00
ECC83 / CV4035	NOS	Brimar logo, UK NOS. Wire ended ECC83, these are CV4035.	GVT	50
ECC84	NOS	Adzam logo, West European made. NOS. Adzam was part of Mazda West Europe. Audio B9A double triode. Data in our pdf catalogue.	OB	5.50 4 @ 4.80 300 @ 4.00
ECC84	NOS	Mullard logo, UK NOS. Audio B9A double triode. Photo/data http://www.r-type.org/exhib/aaa1325.htm Data: Vf=6,3V, If=330ma, Va=90V, Ik=22ma, S=6V, Pa=2x2W.	OB	6.50 4 @ 5.80 100 @ 4.50 More POA
ECC84	NOS	RFT German. NOS and guaranteed. Double triode, low noise and good for audio. Data http://frank.pocnet.net/vademecum2.html Near offers welcome for orders over 100 pieces.	OB	3.00 8 @ 2.00 300 @ 1.75
ECC84	NOS	Telefunken logo, West German. UK NOS. With diamond<>.	OB	12.00 8 @ 10.00
ECC85	NOS	East European. New tested guaranteed. Mixed brands RFT, Tungsrham, other.	WB	10.5
ECC85	NOS	East German NOS. Tested, guaranteed. RFT made, many have logo.	OB/WB	12
ECC85	NOS	Mullard, UK or Holland NOS.	Most OB	20.00 4 @ 16.00
ECC85	NOS	Siemens Valvo West German NOS. Tested, guaranteed. Not <>.	OB/WB	10.50 4 @ 8.25
ECC85	NOS	Telefunken <> tested. NOS. TFK logo West German <>.	OB	30.00 4 @ POA
ECC85	NOS	Tungsrham Hungary NOS. Tested, guaranteed. Not <>.	OB/WB	10.50 4 @ 8.25
ECC85	NOS	NOS Japan tested guaranteed most are Matsushita.	OB/WB	12.50 20 @ 11.00
ECC85	NOS	USA made NOS. Sylvania / other brands. Tested, guaranteed. Many have logo.	OB/WB	12.5
ECC85	GRADE 1	Mullard, UK/ Holland. Tested as grade one. Usually in stock.	G1	12
ECC85	GRADE 1	Telefunken logo <>. Used but clean appearance and good print. Tests at least 80 percent emission.	G1	30.00 4 @ 27.50
ECC85	USED	East European. RFT, Tungsrham and other brands. Used, not new appearance tested, guaranteed.	WB	6.00 20 @ 5.00
ECC85	USED	Japan tested guaranteed mostly Matsushita.	WB	8.00 12 @ POA
ECC85	USED	Made in USA or West Europe. Westinghouse, Brimar, Mazda and others. In sets of 2 pieces identical. Used, tested.	WB	7.00 20 @ 5.00
ECC85	USED	Mullard, logo, UK/ Holland. Not new appearance, but tested as used, 65-75 percent emission.	WB	10
ECC85	USED	Telefunken <> test around 50 percent emission. Usually a small quantity in stock.	WB	10.00 8 @ 9.00
ECC85	USED	Telefunken <> test around 65- 75 percent emission. Usually a small quantity in stock.	WB	20

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
ECC85	USED	West European made Brimar Mazda and others. Triple mica. Used, not new appearance. Tested working and guaranteed.	WB	25.00
ECC85	NOS	Please try 6DT8 alternative, not equivalent item.		
ECC86	NOS	Philips, Amperex and other West European. GE & other USA. NOS.	Most OB	12.00 4 @ 11.00
ECC86	NOS	Telefunken logo <> NOS. Audio double triode. In sealed cellophane wrapper and OB. Sealed cellophane can be opened for test, on request.	OB	35.00 4 @ 30.00 16 @ 25.00
ECC88 / 6DJ8	NOS	These are 6DJ8 ECG Philips logo. USA NOS. 24 pieces look the same. Matched pairs may be possible. Very attractive appearance.	GB	25
ECC88 / 6DJ8	NOS	These are 6DJ8 Sylvania logo. USA NOS. Sets of 8 pieces that look the same.	OB/WB	20.00 24 @ 16.00
ECC88 / CV4111	NOS	These are CV4111 wire ended / flying leads. Mullard NOS UK made. CV4111 is equivalent to ECC88 except the flying lead base.	Most OB	33.00 8 @ 31.00
ECC88	NOS	Amperex Bugle Boy logo NOS. Vintage Holland made.	WB	33.50 8 @ 31.50
ECC88	NOS	BILLINGTON GOLD. Your choice of Chinese or Slovakia. Guaranteed. New, tested.	OB	17.5
ECC88	NOS	Brimar logo UK, NOS. Musical and rich sounding, these are the perfect complement for any preamp/driver stage using 6DJ8 or 6922. Few pieces only.	OB	25
ECC88	NOS	Chinese. Tested, guarantee, NOS. At most, 20 pieces might be available.	WB	12.00 12 @ 10.00
ECC88	NOS	EI Yugoslavian made. "A frame" construction. Maybe printed E88CC penta. NOS. guaranteed.	WB	15
ECC88	NOS	GE USA NOS. Black glass version. NOS clean tested guaranteed.	OB	27
ECC88	NOS	Japanese NOS. Tested good quality. 4 Mazda, 8 Westinghouse, 4 Raytheon.	Most OB	18.00 16 @ 16.00
ECC88	NOS	JJ logo by Tesla, Slovakia. NOS. Gold pin. Printed E88CC. Tested and guaranteed.	OB	30.00 16 @ POA
ECC88	NOS	Mullard logo NOS UK.	Most OB	33.00 8 @ 31.00
ECC88	NOS	Mullard logo NOS Holland.	Most OB	27.50 8 @ 25.00
ECC88	NOS	Mullard logo NOS UK. We are uncertain if made in West Europe or Made in Yugoslavia. "A frame" construction" and parasol getter.	WB	20.00 8 @ 17.50
ECC88	NOS	USA NOS. GE, Raytheon, RCA, Sylvania & Westinghouse. 4 pieces of each brand.	Most OB	20.00 20 @ 16.00
ECC88	NOS	Russian NOS. Believed to be 6N23P / 6H23П Voskhod or Reflector factory, but printed only as "ECC88 Russian".	WB	7.50 30 @ 6.50
ECC88	NOS	Siemens West German not <> but great quality. 1970's made. Low noise, low microphony. Plenty of bass definition and a sweet mid band. Excellent in phono stages. Tested and guaranteed. When available.	OB/WB	POA
ECC88	NOS	Telefunken logo West Germany. NOS. With <> mark, when available.	OB	75
ECC88	NOS	Tesla logo, grey pin. 1970's made in Czechoslovakia. Plenty of bass definition and a sweet mid band. Excellent in phono stages NOS and guaranteed.	OB/WB	28.00 8 @ 25.00
ECC88	NOS	Please refer to 6BQ7A, NOS. Good quality Japanese, in stock.		
ECC88	GRADE 1	Amperex, Holland with Bugle Boy logo. Tested as Grade One, with guarantee.	G1	25
ECC88	GRADE 1	Brimar logo UK. Test as Grade One. Musical and rich sounding, these are the perfect complement for any preamp/driver stage using 6DJ8 or 6922.x 25	G1	11
ECC88	GRADE 1	Mullard, UK/Holland with logo. Grade One tested and guaranteed.	G1	20.00 20 @ 16.00
ECC88	GRADE 1	Japanese made Raytheon. Tested and guaranteed, with logo. Mostly unused appearance but some are unbalanced anodes, some test only 80 percent emission. (NOS perfect would test at 100 percent). Still suitable for many applications.	G1	10
ECC88	USED	Amperex, Holland with Bugle Boy logo. Used but tested working with guarantee.	G1	17.00 4 @ 16.00 12 @ 15.00

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
ECC88	USED	Brimar logo UK. Test as used, guaranteed. Musical and rich sounding, these are the perfect complement for any preamp/driver stage using 6DJ8 or 6922.	WB	12
ECC88	USED	Fivre logo made in Italy. Musical and rich sounding. Used, tested and guaranteed. Sold out, please contact us.	WB	POA
ECC88	USED	GE USA NOS. Normal version. Used clean tested guaranteed.	WB	7
ECC88	USED	Japanese. Mazda logo. Used, tested good quality. Decent appearance.	WB	9.00 20 @ 7.50
ECC88	USED	Mullard logo UK/Holland. Used, not new appearance but tested and guaranteed.	BB	16.00 12 @ 14.00 30 @ POA
ECC88	USED	Siemens West German not <> but great quality. 1970's made. Used not new appearance but look good. Tested & guaranteed. Low noise, low microphony. Plenty of bass definition and a sweet mid band. Excellent in phono stage.	OB/WB	15.00 4 @ 10.00 16 @ 9.00
ECC88	USED	Sylvania, USA. Used, tested with logo and guarantee. Good bass definition and a sweet mid band. Excellent in phono stages. Sets of 4 pieces identical.	Most OB	10.00 16 @ 8.00
ECC88	USED	Tungsram Hungary. Look new, but test used (2 anodes are not balanced). Natural sounding, extended top end, tight bass sound. Very good tonal balance and clarity. All look identical, tested guaranteed.	WB	13
ECC88	NOS	Please refer to 6350, possible alternative. Adapters can be found on the Internet to convert 6350 into 6SN7, ECC88, etc.		
ECC89	GRADE 1	Mullard logo UK Grade 1. Audio double triode, similar to ECC88 but different pin out. 1 half of ECC89 is variable mu. They suit automatic gain control, eg in studio compressors. Equivalent to 6FC7. Test as Grade 1.	G1	6.00 11 @ 5.00
ECC89	NOS	Tronal East European made NOS.	OB	6.00 32 @ 5.00
ECC91 / 6J6 / WA	NOS	Westinghouse, Sylvania, Raytheon. USA NOS. Data below. At this price they are NOS, guaranteed but untested. Print may vary, some are egg crate / bulk pack.	OB/WB/B P	2.40 20 @ 2.00 300 @ 1.40
ECC91 / CV4031 / 6J6	NOS	Mullard, UK with logo. NOS. Audio double triode. Possible alternative to ECC81, but not equivalent. ECC81 has B9A base, ECC91 has B7G base, and there is also a common cathode. Equivalent to 6J6 and 6101.	GVT	3.00 100 @ 2.70 300 @ 2.50
ECC91 / CV4031 / 6J6	NOS	Mullard, UK. Audio double triode. Genuine military print, but no logo. NOS. Possible alternative to ECC81, but not equivalent. ECC81 has B9A base, ECC91 has B7G base, and there is also a common cathode. Equivalent to 6J6 and 6101.	GVT	2.75 100 @ 2.40 500 @ 2.00
ECC91	NOS	Please refer to 6J6 for an exact equivalent.		
ECC99	NOS	JJ NOS gold pin. Very similar to 12BH7 and is interchangeable in some situations. Suits Transcendent Sound amps. Similarities to 6N6P, E182CC.	OB	23.00 4 @ 22.00
ECC189	NOS	Mullard UK NOS x 10. Siemens NOS x 6.	Most OB	12.00 10 @ 11.00
ECC189	NOS	Sylvania and other USA NOS.	OB	6.00 10 @ 5.00
ECC189	NOS	Toshiba and other Japan, NOS. Audio type.	OB/ WB	8.00 6 @ 7.50
ECC189	NOS	Tungsram and other East Euro. NOS Possible audio type.	OB/ WB	6.00 50 @ 4.50
ECC189	NOS	Mullard, logo UK NOS. Audio type.	OB/GB	12.00 10 @ 11.00
ECC801S	NOS	Chinese made, gold pin, NOS, with guarantee. Clean and tested to a special standard. Great audio quality. Pre amp tube, replaces any 12AT7/E81CC type.	OB/WB	16.00 20 @ 14.00 more @ POA
ECC801S	NOS	Mullard logo UK NOS with gold pin tested, guaranteed. Low noise, low microphony. Double suture anode construction.	Most OB	POA
ECC801S	NOS	Siemens, NOS. Long life 20,000 hour version. Falcon logo. Bundeswehr BWB version. Siemens Munich. Copper grid posts.	OB	POA
ECC801S	NOS	Telefunken logo NOS. West Germany. With diamond "ø" between pins. NOS, tested and guaranteed.	OB	200.00 2 @ 190.00
ECC801S	GRADE 1	Telefunken logo, Grade 1. West Germany. With diamond "ø" between pins. NOS, tested and guaranteed.	G1	150.00 2 @ 140.00

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
ECC801S	USED	Mullard logo, UK with gold pin printed ECC801S. Used, decent appearance, tested, guaranteed. Low noise, low microphony. Double suture anode construction.	WB	POA
ECC801S	USED	Telefunken logo, West German. Used. Tested with ◊ mark.	WB	POA
ECC801S / 13D9	NOS	SOLD. Please ask Martin for more details. These are 13D9 Brimar logo UK made, NOS, black anode. Similar to ECC81 / ECC801S. Many consider the higher anode current to be an advantage. Same pin out as ECC81.	Most OB	POA
ECC802S	NOS	Tesla logo, vintage Czechoslovakia. 1970s.	OB	25
ECC802S	NOS	Telefunken logo, ◊ mark. When available.	OB	POA
ECC803S	NOS	JJ logo, recently made. New, grey pin tested guaranteed.	OB	15.00
ECC803S	NOS	China. Gold pin, new, clean, tested and guaranteed small quantity.	OB	16.00
ECC803S	NOS	Shuguang, made in China. Gold pin, new, clean, tested and guaranteed small quantity. Look great!	OB/WB	16.00 20 @ 14.00
ECC803S	NOS	Tesla logo, vintage made, not JJ. When available.	OB/WB	POA
ECC804	USED	Mazda logo UK. Used, tested working over 60 percent emission. Audio double triode.	WB	6.00 30 @ 4.80
ECC807	NOS	Brimar logo UK NOS. Very rare item. These look new but test as used eg 65 percent emission, so they are sold at used price. 1 or 2 only.	OB/WB	125
ECC807	GRADE 1	Brimar logo UK. Tested as Grade One. Small stains in the glass.	G1	65
ECC807	USED	Brimar logo UK. Used, tested, clean. Very rare.	WB	60
ECC808	NOS	Mazda Belvu logo, made in France NOS. ECC808 has the same characteristics as ECC83, but with a different pin-out.	OB	44.00 6 @ 37.00
ECC808	NOS	Telefunken logo, West German. Diamond between pins <>. NOS, tested. Very clean appearance.	OB	51.00 6 @ 49.00
ECC808	USED	ECC808 Used. Telefunken logo, West German. Diamond between pins <>. Test as used but very clean appearance.	OB/WB	21.00 10 @ 19.00
ECC8100	NOS	Telefunken logo and diamond "◊" mark. NOS. Gold pins. Similar to ECC81, not equivalent. Data available.	OB	25.00 2 @ 22.00
ECC2000	NOS	Mullard, logo UK NOS. Audio triode, gold pin. For data http://tubedata.philipse.info/ if you have difficulty finding data, please contact our office. We are glad to help customer with data enquires. Please allow 2 working days for replies about data.	Mot OB	11.00 32 @ 8.50
ECF12	NOS	Believed Telefunken or Siemens, West German manufacture but National brand and box.	OB	20
ECF80	NOS	Brimar logo UK NOS.	OB/WB	9.00 200 @ 7.00
ECF80	NOS	Brimar logo East European NOS.	OB/WB	5.00 100 @ 4.00
ECF80	NOS	Japan NOS, includes Mazda and Westinghouse.	OB/WB	4.00 200 @ 3.75
ECF80	NOS	Mullard, logo NOS. West Europe made, audio triode pentode. Data Vf=6.3V, If=430ma, Va=250V, Ik=14ma, S=6.2Ma/V, Pa=1.7W	Most OB	10.00 10 @ 6.25 100 @ 5.50
ECF80	NOS	Telefunken logo, West German. NOS. Diamond between pins <>.	Most OB	33.00 6 @ 30.00
ECF80	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	POA
ECF80	NOS	USA NOS, with logo: RCA, Sylvania, Westinghouse.	OB	4.50 6 @ 4.00
ECF80	NOS	Yugoslavian made. Includes Siemens. NOS.	OB	5.00 180 @ 4.00
ECF80	NOS	200 East European including Teonex, 50 Russian, 200 Siemens Yugoslavian, 50 Sovtek.	OB/WB	3.75 20 @ 3.50 100 @ 3.00 400 @ 2.50
ECF80	NOS	West Europe, Mazda logo or Brimar logo. NOS. 30 pieces.	OB/WB	9.00 30 @ 7.00
ECF80	USED	Mullard logo UK / Holland. Used and test 65-75 percent emission.	WB	5.00 20 @ 3.00
ECF80	NOS	Please refer to E80CF		
ECF80 / E80CF	NOS	E80CF Westinghouse USA grey pin. E80CF is near equivalent to ECF80	OB	7.5
ECF82 / 6U8A	NOS	Brimar logo UK NOS. Black plate anode.	Most OB	7.00 8 @ 5.75 30 @ POA
ECF82 / 6U8A	NOS	Brimar logo UK NOS. Grey plate anode.	Most OB	6.00 8 @ 4.75 30 @ POA
ECF82 / 6U8A	NOS	Mullard logo UK. NOS. Few only.	Most OB	8.00 10 @ 5.50

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
ECF82 / 6U8A	NOS	Tungsram made in Hungary with "international" logo & international box. NOS. Useful audio tube. Data on request. This tube replaces 7199 by fitting an adapter. We can advise you suppliers of adapters.	OB	6.00 20 @ 5.25
ECF82 / 6U8A	NOS	10 or 20 each of the following brands: GE, ECG Philips, Sylvania, Raytheon, RCA, Westinghouse.	OB	5.50 10 @ 5.00 100 @ 4.00
ECF82 / 6U8A	USED	Mullard logo, used and tested.	WB	7.50 20 @ 5.00
ECF82 / 6U8A	USED	Most are USA made Westinghouse, Sylvania, RCA & GE. A few Japanese (Raytheon etc), a few UK Mullards & Brimar. Some are tested, most are not. Some look new/mixed appearance but sample testing gave good results. Print style varies from valve to valve. Some have 100 percent print. Some have no print. Bargain price.		100 @ 1.00 300 @ 0.80
ECF82	NOS	Refer to 6U8A and 6AU8A USA made, low price, near equivalent.		
ECF86 / 6GH8	NOS	Audio triode pentode. Telefunken logo, West German with diamond mark <>. NOS NIB, in original sealed cellophane and original boxes. For data http://tubedata.philipse.info/ if you have difficulty finding data, please contact our office. We are glad to help customer with data enquires. Please allow 2 working days for replies about data.	OB/WB	7.00 4 @ 4.00 200 @ 3.20
ECF86 / 6GH8	NOS	Audio triode pentode. Philips logo West European made, NOS NIB. Data http://tubedata.philipse.info/ if you have difficulty finding data, please contact our office. Please allow 2 working days for replies about data.	OB	3.00 10 @ 2.20 200 @ 1.80
ECF201	NOS	Philips logo. Holland NOS. Equivalent to 6U9. B9A base Triode-Pentode, the triode section has audio applications. For data http://tubedata.philipse.info/ if you have difficulty finding data, please contact our office. We are glad to help customer with data enquires. Please allow 2 working days for replies about data.	Most OB	2.50 40 @ 2.00
ECF802	NOS	Ei Yugoslavia NOS.	OB/WB	3.00 10 @ 2.50 90 @ 2.00
ECF802	NOS	Telefunken logo, West German. NOS. Diamond between pins <>. Plus other West European NOS.	Most OB	7.00 20 @ 6.00
ECF803	NOS	Audio tube. Telefunken logo, West German with diamond mark <>. NOS NIB. Data: http://tubedata.philipse.info/ if you have difficulty please contact our office.	OB	10.00 10 @ 8.00
ECF804	NOS	Brimar logo NOS. Audio triode pentode. Photo/data: http://www.r-type.org/exhib/abo0121.htm	OB/WB	3.20 200 @ 2.50
ECF804	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	POA
ECH4	NOS	Philips Holland red metal. ST shape. NOS, with logo.	WB/OB	17.00 10 @ 13.00
ECH11	NOS	5 x Telefunken, 5 x Valvo. West German, NOS, with logo.	Most GB	20.00 10 @ 15.00
ECH11	GRADE 1	Telefunken / Valvo. New but store soiled. Tested as Grade One. Antique German radio valve.	G1	14.00 10 @ 11.00
ECH3	NOS	Mullard Holland red metal. ST shape. NOS, with logo. Data/photo www.r-type.org/exhib/aa0529.htm Sockets to fit these are in stock (ref 8SC).	WB/OB	12.00 100 @ 10.00 300 @ POA
ECH35	NOS	Mullard, UK NOS. 50 pieces Gold painted ST shape, printed 'ARTH2'. 50 pieces grey GT shape.	GVT/WB	4.00 50 @ 3.20
ECH42	NOS	Philips logo. NOS Holland. Mesh anode.	WB	3.40 100 @ 2.75
ECH42	NOS	West European brands	OB/WB	3.5
ECH81	NOS	50 Brimar logo & 50 Westinghouse logo. Country of manufacture TBA. NOS, tested, guaranteed.	OB/WB	6.00 10 @ 5.50 100 @ 5.00
ECH81	NOS	Chinese. New tested clean guaranteed. Data www.r-type.org/exhib/aaq0125.htm	WB	3.25
ECH81	NOS	Mullard logo, West European, NOS. Fits certain audio equipment.	OB	6.50 10 @ 6.00
ECH81	NOS	Raytheon logo, NOS. Russian made. Clean guaranteed. Data www.r-type.org/exhib/aaq0125.htm	WB	4.00 10 @ 2.80 200 @ 2.40
ECH84	NOS	Mullard / Mazda West European NOS. Photo/data www.r-type.org/exhib/aaa0843.htm	OB/WB	4.20 30 @ 2.50 100 @ 2.75
ECL80	NOS	125 Mullard, 125 Mazda & 250 Philips. West European made. NOS, with logo. Fits certain audio equipment.	OB	5.00 4 @ 4.50 500 @ 3.50
ECL82	NOS	BILLINGTON GOLD, made in Japan. With guarantee. Please refer to page 6 for full details.	OB	13.00

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
ECL82	NOS	Brimar logo, or Mazda logo. NOS made in West Europe. ECL82 and its "brother" ECL86 both are becoming scarcer and more expensive, especially for the UK/West European made tubes such as Mullard. Consider PCL82, possible alternative. These 2 are not equivalent but are VERY similar, apart from PCL82 having a 19v heater.	Most OB	25.00 8 @ 20.00 16 @ 18.00
ECL82	NOS	Japanese. NOS, guaranteed. Toshiba made but unbranded in bulk pack egg trays of 100.	BP	12.00 10 @ 1.50 100 @ 9.00 300+ @ 7.00
ECL82	NOS	Mazda logo Japanese. NOS tested guaranteed.	Most OB	13.00 10 @ 12.50 100 @ 10.00
ECL82	NOS	Mullard, UK/Holland NOS. ECL82 and its "brother" ECL86 both are becoming scarcer and more expensive, especially for the UK/West European made tubes such as Mullard. Consider PCL82, possible alternative. These 2 are not equivalent but are VERY similar, apart from PCL82 having a 19v heater.	WB	20.00 10 @ 18.00 25 @ POA
ECL82	NOS	Raytheon logo, Japanese. NOS tested guaranteed.	Most OB	13.00 10 @ 12.50 100 @ 10.00
ECL82	NOS	Russian/East Europe. NOS. With guarantee.	WB	12.00 10 @ 10.00
ECL82	NOS	Telefunken logo, West Germany. Possibly x 2 of the same appearance in stock.	OB	120.00 2 @ POA
ECL82	NOS	USA made. NOS. Sets of 2 pieces of the same brand and same appearance. Tested, guaranteed. 4 x RCA, 4 x Sylvania, 4 x Westinghouse.	OB/WB	16.00 4 @ 15.00 12 @ 14.00
ECL82	GRADE 1	Mullard, test as grade one. Decent appearance, not new appearance. UK/Holland.	OB/WB	16.00
ECL82	GRADE 1	Raytheon logo Japanese. Tested Grade 1 guaranteed.	G1	9.75 10 @ 9.00 200 @ 7.00
ECL82	USED	Mazda logo Japanese. Used tested guaranteed.	WB	6.50 10 @ 6.00 50 @ 5.00 200 @ 4.00
ECL82	USED	Mullard with logo. Used not new. Tested with guarantee. UK, Holland or other West European brands.	WB	12.00 4 @ 10.00
ECL82	USED	Telefunken logo, West Germany. Possibly x 2 of the same appearance in stock.	OB/WB	60.00 2 @ POA
ECL82	USED	Westinghouse USA, Mazda or Brimar West Europe, with logo. Used not new. Tested with guarantee.	WB	7.00 20 @ 5.00
ECL82	NOS	Try UCL82 for low cost possible alternative, not equivalent [different heater voltage].		
ECL83	NOS	Mullard, logo. UK NOS. Alternatively refer to UCL83 partly similar with different heater voltage.	OB/WB	12
ECL83	USED	Mullard, UK. Used, test 65 percent emission and guarantee.	WB	5.00 10 @ 4.00
ECL84	NOS	Mullard, logo UK NOS 6DX8 / ECL84. Audio pre-amp tube.	OB	4.50 50 @ 3.50
ECL85 / 6GV8	NOS	100 x USA 6GV8 /ECL85. An audio type, equivalent to ECL805. These are bulk pack, egg crate. Add 25p if white box & label required. Data http://frank.pocnet.net/sheetsE2.html	BP	4.50 70 @ 2.00
ECL86	NOS	Mullard, logo UK NOS.	OB	50
ECL86	NOS	Everything except Mullard. New, tested guaranteed. Very mixed. 12 only, spread over 6 or 7 brands. East European, Japan, USA. Matched pairs not possible regretfully. 2 pieces of same appearance might exist.	OB/WB	28
ECL86	NOS	Very mixed. 12 only, spread over 6 or 7 brands. East European, Japan, USA. Matched pairs not possible regretfully. 2 pieces of same appearance might exist	OB	28
ECL86	NOS	Zaerix logo. NOS, tested. Believed to be made by Tungfram in Hungary. All the same appearance.	OB	28
ECL86	USED	Mullard, logo UK. Used tested.	WB	25.00 8 @ 20.00
ECL86	USED	Everything except Mullard. Tested guaranteed. Very mixed. 8 only, spread over 5 brands. East European, Japan, USA. Matched pairs not possible. 2 pieces of same appearance might exist.	OB/WB	14
ECL200	NOS	Telefunken logo, West Germany. NOS. 10 pin audio triode/pentode.	OB	8.5
ECL805	NOS	Russian, Tungfram Hungary, Japan. 20 of this, 30 of that. NOS. An audio type. These are bulk pack, egg crate. Add 25p if white box & label required. Data http://frank.pocnet.net/sheetsE2.html	BP	4.50 100 @ 2.50
ECLL800	NOS	Mix. West European made NOS. Few only.	OB	35
EE160AL	NOS	Matchlett USA. NOS. 5 pieces in stock.	WB	Offers
EF6	NOS	Mullard / Philips NOS. Red coated.	OB	35

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
EF11	NOS	Mullard, and Philips NOS. If you buy the tube a socket is free.	OB/WB	15.00 5 @ 12.50
EF12 / EF804	NOS	East German by RFT, etc. NOS, tested and guarantee. Data: Vf=6.3V, If=240ma, Va=250V, Ik=3ma, S=2.1Ma/V, Pa=1.5W. You can buy adaptor's to convert EF12 to EF804, please enquire. Approximately GBP35.00 wholesale if available.	OB/WB	POA
EF13	NOS	Made in East Germany by RFT, etc. NOS, Suits Neuman condenser microphone, U47, etc. 1 only.	OB/WB	55
EF13	NOS	Made in West Germany. 1 x Valvo, 1Q x Telefunken. NOS, suits Neuman condenser microphone, U47, etc. Sockets sent as free gift with each EF14. 1 only.	OB/WB	105
EF14	NOS	Made in East German by RFT, etc. NOS, Suits Neuman condenser microphone, U47, etc. Sockets sent as free gift with each EF14.	OB/WB	70
EF14	NOS	Please refer to 6028 for possible alternative (not equivalent). EF14 is small and will fit inside a microphone. EF14 data: Vf=6.3V, If=470Ma, Va=250V, Ik=12Ma, S=7Ma/V, Pa=5W 6028 data: Vf=20V, If=50Ma, Va=120V, Ik=9Ma, S=5Ma/V, Pa=1.7W More data for both www.tubedata.org		
EF22	NOS	Mullard, UK NOS CV303. Near equivalent to EF39 and EF92 but has different base. A metal loctal based remote cut-off audio pentode tube. Suitable for audio compressors and Murphy B40 receiver. New, unused, guaranteed. But the metal can has small scratches due to long-time storage. Half price, due to imperfect appearance. For data http://tubedata.philipse.info/ if you have difficulty finding data, please contact our office. We are glad to help customer with data enquires. Please allow 2 working days for replies about data.	GVT	3.20 10 @ 2.00 100 @ 1.20 500 @ 1.00
EF22	GRADE 1	Mullard, UK [CV303]. A potential audio type. Data: Vf = 6.3V, If = 200 Ma, Va = 250V, Ik = 10Ma, s = 2.2 Ma/V. Sockets in stock. These items are unused with guarantee. Store soiled appearance. NOS price is GBP 5.55 each.	GVT	3.20 10 @ 2.00 100 @ 1.20 500 @ 1.00
EF36	NOS	Mullard UK NOS. Grey metal, shoulder shape.	GVT	21.00
EF36	NOS	Exact equivalent to EF37A .		
EF36	GRADE 1	Mullard, UK made CV1056. Near equivalent to EF37, 6J7G. Grey metal, shoulder shape. These items test as NOS, unused with guarantee. They are store soiled as shown in our eBay photos, they may have flaking paint or small cracks in the base. The physical imperfections do not affect the audio performance.	GVT	10.00 8 @ 8.00 50 @ 7.00
EF37	NOS	Refer to EF37A for better quality, lower noise version.		
EF37	NOS	All UK made unless stated. All tested & guaranteed. All will plug in to replace 6J7G audio pentode. NOS unless marked as grade 1.		
EF37 / EF36	USED	Mullard, UK EF36, NOS. These EF36 are near equivalent to EF37. Tests as used. Guaranteed.	WB	5.00 50 @ POA
5A-152M	Info	The following types are all in the same family. All audio pentodes with similar characteristics. Some are near equivalents to each other. Some are "the same" as each other but different pin out, or base, or heater voltage. A good opportunity if you build equipment or collect useful audio types for the future. 5A-152M, 6 volt heater, loctal B8G base. Data https://frank.pocnet.net/sheets51.html 5A-152G = 18042 = C3G = E83F = EF83. Good quantities in stock. Ask for relevant data.		
EF37A / 5A-157D	NOS	These are NOS 5A-157D specials high quality equivalent to EF37A made by STC/ITT UK. 50 pieces all look the same.	OB/WB	17.50 6 @ 12.50 50 @ 12.00
EF37A	NOS	Mullard UK, red metal, shoulder shape. NOS.	GB	34
EF37A	NOS	Mullard UK, red metal, straight sides, NOS.	GB	28
EF37A	NOS	Mullard UK, grey metal. GT or shoulder shape. NOS.	OB/WB	15.00 10 @ 14.00
EF37A	NOS	Rogers Canada made. Black coated straight sides. NOS.	GB/WB	15.00 10 @ 13.00
EF37A	GRADE 1	All UK made unless stated. All tested & guaranteed. All will plug in to replace 6J7G audio pentode.		

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
EF37A	GRADE 1	All STC/ ITT UK made. STC logo, ITT logo, or STC made with military print. Test near new, don't look new but decent. Grey metal, straight shape. Guaranteed. Bargain price. Sets of 4 pieces of the same print and appearance.	G1	11.00 10 @ 10.00 50 @ 8.00
EF37A	GRADE 1	Mullard UK. Red metal GT shape.	G1	21 12 @ 16.50 100 @ POA
EF37A	GRADE 1	Mullard. Red metal. Shoulder shape.	G1	16.00 20 @ 13.00
EF37A	GRADE 1	Mullard logo. Grey metal. GT shape.	G1	11.00 36 @ 8.00
EF37A	USED	Mullard UK/Holland. Red metal with logo. ST shape. Used not new but tested and guarantee.	WB	12.00 10 @ 9.00
EF37A	USED	Mullard UK, grey metal, GT shape. Used tested.	WB	6.50
EF39	NOS	Hytron logo, USA. NOS . Brass colour metallizing, straight (GT) sides. Some are printed VR53.	OB/WB	5.00 20 @ 4.00
EF39	NOS	RTC / Mullard logo, NOS . France/Holland. Red metal shoulder shape . Audio type.	OB/WB	20.00 20 @ 16.00
EF39	NOS	Mullard logo, NOS . UK/Holland. Red metal with straight [GT] sides. Audio type.	WB	8.00 10 @ 6.00
EF39	NOS	Mullard logo, UK NOS . Grey metal with straight (GT) sides.	GB	5.00 50 @ 4.00
EF39	NOS	Mullard logo, UK NOS . Grey metal with shoulder shape.	GB	8.00 10 @ POA
EF40	NOS	Philips / Mullard, UK/Holland. Similar to EF86 but EF86 has a B9A base, EF40 has a rimlock base. Socket ref SOC 89SKS from stock fits this.	OB/WB	9.50 12 @ 9.00
EF40	NOS	Made by Tungsram in Hungary. But Zaerix logo. New tested guaranteed. Similar to EF86 but EF86 has a B9A base, EF40 has a rimlock base. Socket ref SOC 89SKS from stock fits this.	OB	6.00 30 @ 4.00
EF41	NOS	Philips Holland NOS . Similarities to EF86, but not the same. For data http://tubedata.philipse.info/ if you have difficulty finding data, please contact our office. We are glad to help customer with data enquires. Please allow 2 working days for replies about data. Socket ref SOC 89SKS from stock fits this.	OB/WB	12.5
EF41	NOS	East European. 50 pieces all the same appearance. Similarities to EF86, but not the same. Data & sockets for EF42 see Philips paragraph below.	WB	6.00 50 @ 4.80
EF42	NOS	Philips / Mullard, UK/Holland. Similar to EF86 but EF86 has a B9A base, EF40 has a rimlock base. Socket 89SKS from stock fits EF40. Photo http://www.r-type.org/exhib/aab0167.htm	OB/WB	6.00 10 @ 4.40 150 @ 4.00
EF50	NOS	UK /USA NOS . Few only.	OB/WB	6
EF50	USED	UK/USA used tested. Minimum order is 10 pieces for this tested item.	OB/WB	10 @ 2.00 100 @ 1.50
EF52	NOS	UK/USA NOS . Good quantities in stock. Please enquire.	Most OB	POA
EF54	NOS	Mullard printed only "CV1136 substitute". These are genuine EF54/CV1136 UK made Mullard NOS . Data in the EF54 section.	G box	3.50 20 @ 3.00 100 @ 2.50 1,000 @ 2.00
EF86 / EF54	NOS	These are EF54 audio/VHF radio pentodes. A photo should be on our eBay page. These are mainly Mullard UK NOS CV1136 and a few Mullard UK NOS VR116 equivalents with original print and some have logo. EF54 has some similarities to EF86, but EF54 has a B9G base. EF86 is B9A base. Both sockets are available from our stock. The socket part number is SOC9EF50. Data EF86: Vf 6.3V, If 200Ma, Va 300V, Ik 6 Ma, S 1.8 Ma/V, Vg -1.7, 10 mAa, mAs is 1.5, ra is 2.5M. Data EF54: Vf 6.3V, If 300Ma, Va 250V, Ik 10 Ma, S 7.7Ma/V, Vg -5, 4 mAa, mAs is 2.5, ra is 0.5M. Apply 60V to the EF54 third grid and feed the filaments with DC for best audio sound. More detailed data on request.	GVT	4.50 500 @ 3.75
EF55	NOS	Mullard logo. UK NOS . These high slope audio pentodes can be triode connected to give GM of more than 30 ma/v. EF55 has many similarity to 3A-167M, 5A-180M, 436A, 437A, EC8020, EC8010, E55L, though not equivalent.	OB	22.00 10 @ 18.00 50 @ 16.00

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
EF55	USED	Mullard UK used tested. These high slope audio pentodes can be triode connected to give GM of more than 30. EF55 has similarity to 3A-167M, 5A-180M, 436A, 437A, EC8020, EDC8010, E55L.	WB	11.00 5 @ 9.00
EF70	NOS	Audio pentode. These CV4508, similar to EF70, Mullard UK, NOS. A sub miniature high slope pentode, wire ended. Deduct 25p, if you accept bulk pack/egg crate instead of white box.	WB	5.00 100 @ 4.00
EF72	NOS	Audio pentode. Equivalent to CV9915, CV465 and similar to 5840. These are Mullard, UK, You will receive Mullard, UK CV9915. NOS. A sub miniature pentode, wire ended.	GVT	4.00 20 @ 3.00 200 @ 2.80
EF73 / 7433	NOS	Please refer to entry "5840 / CV4502" for stock/prices.		
EF80	NOS	Mullard, logo. UK. NOS.	OB/WB	5.00 20 @ 4.00 100 @ 3.75
EF80	NOS	Telefunken logo. West German. NOS. With <>.	OB	8.00 8 @ 7.00
EF80	NOS	Audio pentode. Various: Siemens, Tesla, Tungram, East European made. NOS & guaranteed. Most have logo. 50 - 100 each brand. Plain WB (no label or print on the white box).	Plain WB	3.00 20 @ 2.00 200 @ 1.75
EF80	USED	Audio pentode. Mullard UK used. Most have logo. Used and untested but many look new and test near new. Some have good print, some have no print. Guarantee is 90 days from despatch & is "return all or return none". We'll be very surprised if less than half work just fine. Amazing low price.	WB	2.00 50 @ 1.50 100 @ 1.00
EF80 / 6BX6	NOS	B9A base audio pentode. West European made NOS with logo. 30 x MiniWatt Dario, 300 pieces RT/RTC in Philips OB. Data: http://tubedata.philipse.info/ if you have difficulty please contact our office.	OB	4.50 20 @ 3.75 300 @ 3.00
EF80 / EF812	NOS	These are EF812/6F23 Mullard logo or Mazda logo. UK made NOS. 6F23 is near equivalent of EF80 but different heater. 6F23 is partly similar to PL36. 6F23 / EF812 data https://frank.pocnet.net/sheets64.html EF80 data https://frank.pocnet.net/sheetsE1.html	Most OB	3.50 20 @ 2.00 400 @ 1.50
EF83	NOS	Telefunken, West German <> NOS.	OB/WB	8.00 10 @ 7.00 50 @ 6.50
EF83	Info	The following types are all in the same family. All audio pentodes with similar characteristics. Some are near equivalents to each other. Some are "the same" as each other but different pin out, or base, or heater voltage. A good opportunity if you build equipment or collect useful audio types for the future. 5A-152M, 6 volt heater, loctal B8G base. Data https://frank.pocnet.net/sheets51.html 5A-152G = 18042 = C3G = E83F = EF83. Good quantities in stock. Ask for relevant data.		
EF83	NOS	NOS. 32 x Amperex Holland. 60 x Mullard/Philips Holland. This is the variable mu version of the EF86. It can replace the EF86 in most circuits without modification.	Most OB	5.00 10 @ 4.00 90 @ 3.54
EF85	NOS	Mullard or Mazda. UK NOS with logo. Includes Mazda 6F19 & Mazda 6F26 equivalents. Great appearance. Audio pentode.	OB/GVT	5.00 50 @ 4.00
EF85	NOS	Siemens. East Europe NOS.	OB/WB	5.00 30 @ 4.00 100 @ 3.50
EF86	NOS	BILLINGTON GOLD, Russian. With guarantee.	BG	12.00 10 @ 11.00
EF86	NOS	These are 8D8 Brimar logo UK NOS. 8D8 is a special quality EF86. Quantities usually very limited.	OB/WB	40.00
EF86	NOS	China, new. All tested and guaranteed.	WB	9.00 5 @ 7.50
EF86	NOS	GEC sticker. UK NOS. "Cheese grater" anode. Very rare. Photo on request.	OB/WB	125.00 2 @ 115.00
EF86	NOS	GEC sticker. UK NOS CV4085.	OB/WB	75.00 4 @ 62.50
EF86	NOS	Japan. Grey anode. Tested as working. NOS & guaranteed.		40.00 4 @ POA
EF86	NOS	Marconi UK with mesh anode.	GVT	50.00
EF86	NOS	Mullard, logo UK NOS. Tested, guaranteed. Mesh anode.	Most OB	30.00
EF86	NOS	Mullard, logo, NOS. Holland/other West European NOS. Tested, guaranteed. Mesh anode.	Most OB	30.00
EF86	NOS	Mullard, logo UK NOS. D or square getter. Tested, guaranteed. Mesh anode.	OB	35.00
EF86	NOS	Mullard, logo UK NOS. Tested, guaranteed. Smooth anode.	Most OB	32.00

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
EF86	NOS	RFT, Tesla, Tungstram, East European made. NOS.	OB/WB	20.00
EF86	NOS	Russian. Svetlana made but no logo. Possibly x 200 in stock. Once these are sold, we cannot obtain more.	OB/WB	13.00 100 @ 11.00
EF86	NOS	Telefunken, West German with logo and <> diamond mark. A few grey anode & a few silver anode.	Most OB	100.00
EF86	NOS	Valvo logo West Europe NOS. Tested, guaranteed.	OB	25.00 5 @ 24.00
EF86	NOS	Please refer to 3B4 for alternative, not equivalent item with B7G base, 1.25V heater.		
EF86	NOS	Please refer to 6BR7 , made by Brimar UK, which has lower microphony and a different pin out.		
EF86	NOS	Please refer to 7432 for a possible alternative, not equivalent with a lower voltage rating and wire-ended base.		
EF86	NOS	Please refer to CV4086 for wire-ended equivalent.		
EF86	NOS	Please refer to E83F for a possible alternative, not equivalent with some similarities.		
EF86	NOS	Please refer to EF54 for alternative, not equivalent with some similarities but different base. These wholesale at around GBP1.20 in comparison with Mullard, EF86 costing GBP15.00 wholesale!		
EF86	NOS	Consider EF183 as a possible alternative, not equivalent with higher gm.		
EF86	GRADE 1	Mullard, logo, made in UK/Holland. Tested as Grade One. When available approx GBP 20.00	G1	POA
EF86	GRADE 1	Telefunken, West Germany with logo and \diamond mark. Matched quads usually available. 38 pieces silver anode and 20 pieces grey anode. All tested as Grade One, emission is 80 percent or more.	G1	50.00
EF86	GRADE 1	Z729 GEC sticker sometimes available GBP36 wholesale price. UK made.	G1	POA
EF86	USED	Z729 GEC sticker sometimes available GBP27 wholesale price. UK made.	WB	POA
EF86	USED	Mullard, UK/Holland with logo. One piece of used, not new appearance but tested. With guarantee.	BP	12.00
EF86	USED	Telefunken, West Germany. Test as used. Guide price GBP24 wholesale if available. Diamond between pins <>.	WB	24.00
EF86 / 9D7	NOS	These 9D7 have higher gm, and variable mu compared to EF86, but are partly similar to EF86. Brimar logo. Both are B9A base. UK NOS. possible audio type. Please note these are 9D7. 9D7 : Vf 6.3V, If 300Ma, Va 250V, Ik 10Ma, S 8.40 Ma/V, Pa 2,7w. EF86 : Vf 6.3V, If 200Ma, Va 300V, Ik 6 Ma, S 1.8Ma/V.	OB	5.00 8 @ 4.00 50 @ 3.00
EF86 / CV4086	NOS	GEC sticker UK NOS. Clean, tested and guaranteed. These are exact equivalent to EF86 but have flying leads/wire ended. Wire-ended valves can be soldered directly into a PCB to give extra low noise advantage. 2 ONLY. Very rare.	GVT/WB	55.00
EF86 / CV4086	NOS	USSR made NOS. These are CV4086 equivalent to EF86 but have flying leads/wire ended. Wire-ended valves can be soldered directly into a PCB to give extra low noise advantage. Very rare.	WB	12.00 6 @ 10.00
EF86 / CV4086	USED	GEC sticker UK NOS. Used but guaranteed . Probably only used for 5 hours, but they are soldered into sockets. Due to solder issues they're cheap. These are equivalent to EF86 but have flying leads/wire ended. Wire-ended valves can be soldered directly into a PCB to give extra low noise advantage. Very rare.	WB	27.00 10 @ 20.00
RTR4341		Part of the C3M, 408A, C3E, C3O, 5A-152M, 18042 family. These are all near equivalent, or same tube but different heater/base.		

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
EF86 / RTR4341	NOS	Ericsson logo NOS. Sweden. ST shape. Require large B7 socket (SOC7PT4C socket from our stock). Audio pentode with some similarities to 6J7G EF86 and C3M but not equivalent (21v heater B7 base). Equivalent to 18015. Vade mecum data: https://tubedata.altanatubes.com.br/search . The following types are all in the same family. All audio pentode with similar characteristics. Some are near equivalents to each other, some are 'the same' as each other but different pin out or base or heater voltage. EF86, EF83, 5A-152M, 18042, C3G, E8, 18015, RTR4341. Data on request. A good opportunity here if you build equipment or collect useful audio types for the future.	OB	7.00 16 @ 5.00 60 @ 4.00 300 @ 3.33
EF86 / UAF42	NOS	These UAF42 have similarities to EF86. Philips NOS. West European made. A popular RF/IF amplifier tube. Rimlock B8A socket to fit from stock, REF SOC89SKS. Good quality B8A sockets are also made in China (socket fits UAF42, EL41, EF40, ECC40 & AZ41). UAF42 is a diode - pentode. The pentode section is similar to EF86. UAF42 data: heater 12.6v at 100mA, anode 200v, screen 85v. Grid -2V. Anode 5 mA. Emission 2.0 MA/V.	BP/WB	2.00 8 @ 1.34 200 @ 1.25 3,000 @ 1.20
EF89	NOS	East European including Tungfram. New, tested, guaranteed.	WB	7.5
EF89	NOS	NOS. Brands include Mullard, Valvo and Telefunken. West European made.	Most OB	12
EF89	USED	When available.	WB	POA
EF91 / 6AM6S	NOS	Thomson logo USA NOS. Partly similar to EF86. B7G base audio pentode. EF91 – Vf=6,3V, If=450Ma, Va=250V, Ik=20Ma, S=7,7Ma/v EF86 – Vf=6,3V, If=200Ma, Va=300V, Ik=6Ma, S=1,8Ma/v EF95 – Vf=6,3V, If=175Ma, Va=180V, Ik=18Ma, S=5,1Ma/v, Pa=1,7W.	OB/GB	2.50 300 @ 1.75
EF91 / 6F17 / S6F17 / CV4040	NOS	These are 6F17 STC/ ITT logo. NOS Audio Pentode. For more info, refer to S6F17 elsewhere in this list.	GVT	4.00 5 @ 3.20 400 @ 2.80
EF91 / CV2000	NOS	Brimar (EF91 fly leads) NOS. They are exact equivalent of EF91 but wire ended / flying leads.	Mostly GVT	2.5
EF91 / CV4014	NOS	Mullard, UK. CV4014. NOS. Audio type. Genuine Mullard, but GVT print instead of a Mullard, logo. Price is negotiable for orders of over 500 pieces in one consignment.	GVT	3.00 100 @ 2.00
EF91 / CV4014	NOS	Mullard, UK CV4014. NOS. Audio type. Mullard logo. Bulk pack items are 25p less than the following price. Price is negotiable for orders of over 500 pieces in one consignment.	GVT	3.50 2 @ 3.33 100 @ 3.00
EF91 / 5A-189K	NOS	STC logo, UK NOS with logo. Exact equivalent to EF91. B7G based audio pentode. Data www.tubedata.org . Possible audio pentode.	GVT	5.00 10 @ 4.00 50 @ 3.00 400 @ 2.00
EF91	NOS	Brimar UK made (flying leads) CV4002 NOS. These are unused, new, in original boxes, but show traces of storage corrosion. Due to physical appearance these are half price. 1960s vintage British made. Long lasting good quality NOS signal Pentode. Equivalent to EF91 or 6AM5, except these are wire ended.	Most GVT	1.25
EF91	NOS	Brimar UK made (flying leads) CV4002. New unused but show traces of storage corrosion. More detail in above paragraph. These are bulk pack/ egg crate.	BP	1.00
EF91	NOS	Please refer to CV20000 and 6F33 similar but not exactly the same.		
EF92	NOS	Brimar red logo. UK NOS. D getter. Shiny black plate.	WB	7.00 20 @ 6.00 100 @ 5.00
EF92	NOS	Mazda UK NOS. Perforated anode. Square getter.	OB/WB	8.00 20 @ 7.00
EF92	NOS	Mullard UK NOS. no logo but has military print "CV4015". Shiny smooth anode plate. Some similarities to EF86. In audio circuits, employ a DC supply for low noise. EF92 suits Little Dot Headphone Amplifier. Data http://www.r-type.org/exhib/aaa0064.htm 100 government boxes in military crate, usually in sealed cellophane wrapper.	GVT	5.00 20 @ 4.00 100 @ 3.50 400 @ 3.00

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EF92	NOS	Mullard logo, UK NOS. Shiny smooth anode plate. Some similarities to EF86. In audio circuits, employ a DC supply for low noise. EF92 suits Little Dot Headphone Amplifier. Data http://www.r-type.org/exhib/aaa0064.htm	GVT/OB	5.00 20 @ 4.50 100 @ 4.00
EF92	NOS	Mullard logo, ring getter. UK NOS. Shiny smooth anode plate. Audio pentode with some similarities to EF86. Deduct 25p if you accept with bulk pack/egg crate instead of white box.	WB	5.00 10 @ 4.00 100 @ 3.50 400 @ 3.00
EF92	NOS	Mullard logo, square getter. UK NOS. Shiny smooth anode plate. Some similarities to EF86.	OB/WB	7.50 20 @ 6.50 100 @ 5.50
EF92	NOS	Philips logo, UK NOS. Please see the EF92 Mazda paragraph, for data. More than 20 pieces may exist.	Most OB	5.00 20 @ 4.50
EF92 / W107	NOS	MOV or Marconi logo. UK NOS. These are W107 which is said to be a 12v version of W77/EF92. May appeal to collectors of MOV/GEC rarities. http://www.r-type.org/exhib/abh0086.htm	OB/WB	10.00 10 @ POA
EF95	NOS	Mullard, UK, CV4010. Genuine Mullard item but government print, no Mullard logo.	GVT	10.00 50 @ POA
EF95	NOS	Mullard UK, NOS. Printed CV850.	GB	10.00 50 @ POA
EF95 / 6AK5	NOS	Chinese made. NOS. Good audio quality tested. Guaranteed. Deduct 25p if accepted with egg crate / bulk pack instead of WB. A UK amplifier maker told us "these are as good as Mullard for emission, low noise, frequency response".	WB	2.00 10 @ 1.00 3,000 @ 0.70
EF95 / 6AK5	NOS	Ericsson logo NOS. Made in Sweden. Gold pin (2B confirmed). A rare & high-quality brand.	WB	15.00
EF95 / 6AK5 / 5654	NOS	In sets of 8 or more of the same construction. NOS with logo and guarantee. CIFTE France: 10 x 5654, 8 x 6AK5. GE USA: 40 x 5654, maybe some 5 star ***** logo. RCA USA: 40 x 5654, 20 x EF95. RT UK / FRANCE: x 10. PHILIPS Miniwatt Holland: x 20.	Most GVT box	6.50 8 @ 6.00 100 @ 5.50
EF95 / 6AK5 / 5654	NOS	RT logo. Made by Mullard, UK factory for French army. Mullard, black plate, with circle in the anode. Exactly same construction as Mullard, NOS with guarantee. These are 5654 RT logo, equivalent to EF95 CV4010.	GB	9.50 Bulk @ POA
EF95 / CV4010	NOS	Mullard logo UK, CV4010. NOS.	WB	13.00 30 @ 10.00
EF97	NOS	6ES6 6FD6 Mullard and other West European NOS. 10 in stock at time of catalogue entry.	OB/WB	4
EF98	NOS	East and West European.	OB/WB	3
EF98	NOS	Philips logo or Mullard logo. West European. NOS. Great audio sound. Equivalent to 6ET6 Audio I.F. pentode suits tuner or pre amp. Data etc http://www.groupdiy.com/index.php?topic=37147.0	OB	3.00 10 @ 2.70 100 @ 2.10
EF183	NOS	East European NOS. EF183 / 6EH7 has similarities to EF89. EF183 is an IF or RF tube for audio tuners etc. EF183 is a remote cut-off type that could be used as an audio signal compressor tube. Data for Mullard equivalent item www.r-type.org/exhib/aai0110.htm	OB/WB/BP	2.10 10 @ 1.90 300 @ 1.75
EF183	NOS	Mazda, UK NOS most with logo. Data for Mullard equivalent www.r-type.org/exhib/aai0110.htm	Most OB	3.50 10 @ 2.75 300 @ 2.00
EF183	NOS	Mullard, UK NOS most with logo. Data for Mullard equivalent www.r-type.org/exhib/aai0110.htm	Most OB	3.50 10 @ 2.75
EF184	NOS	Mazda or Brimar logo, UK. NOS. Tested.	OB/WB	4.50 30 @ 4.00
EF184	NOS	Mullard logo, UK NOS. Data: http://tubedata.philipse.info/ if you have difficulty please contact our office.	Most OB	5.00 10 @ 4.50 100 @ 4.00
EF184	NOS	Various: 100 Tungsram Hungary, 80 EI Yugoslav, 70 Tesla, 100 mixed East Europe. Deduct 25p if you accept as bulk pack ie egg crate. Potential audio B9A pentode.	WB	3.00 100 @ 2.40 350 @ 2.00
EF184	NOS	West European brands. When available.	OB/WB	3
EF184	USED	Mullard logo, UK. Used, tested.	WB	2.50 50 @ 2.00
EF731	NOS	West European including CV477 and 5899. A sub miniature semi-remote-cut off broadband pentode for audio compression applications. Characteristics similar to 6SK7 or 6BA6.	GVT	3.00 30 @ 2.60
EF800	NOS	Tesla logo, Slovakia. NOS.	OB	5.00 50 @ 4.20
EF800	NOS	Telefunken logo. West German NOS. <> between pins.	OB	42.00 8 @ 37.50
EF800	USED	Telefunken logo. West German used tested. <> between pins.	WB	14

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EF800 / EF860	NOS	These are EF860 audio pentode. East German. NOS. Made by RFT or similar. Tested guaranteed. Gold pin. Super quality audio pentode. These EF 860 are similar to EF 800 but not equivalent.	OB/WB	4.00 4 @ 3.00 100 @ 2.40
EF802	NOS	Similar to EF800.		
EF802	NOS	Telefunken logo. West German NOS. <> between pins. High quality low noise pentode, suits broadband amplifier or microphones. 10,000 hours life. There is no internal shielding as in EF800, so this tube useful up to 30 MHz.	OB	14.00 16 @ 12.50
EF804	NOS	Telefunken logo grey anode. Genuine West German made. NO diamond mark between pins. NOS tested and guaranteed.	OB/WB	26.00
EF804	GRADE 1	Telefunken logo west German with diamond <>. Tested as Grade One. 4 grey anode. 4 silver anode.	G1	17.00
EF804S	NOS	Telefunken logo, West German with diamond <>. NOS.	OB	37.50
EF805S	NOS	Telefunken logo, West German NOS with <> mark. Near equivalent to ECC85.	OB	8.00 12 @ 7.00
EF806 / PCF806	NOS	These are PCF806 Mullard or Mazda logo UK NOS. Triode pentode. The pentode section of PCF806 is partly similar to EF806 but not equivalent. Data www.r-type.org/exhib/aa0100.htm	OB	5.00 10 @ 4.00 100 @ 3.00 400 @ 2.50
EF806S	NOS	Telefunken logo, West German vintage manufacture with diamond mark <>. This is a special 10,000-hour EF86 made for critical applications. Ideal in top high end audio and valve microphones. Factory selected for low noise. NOS tested guaranteed.	OB	105
EF806S	NOS	Tesla logo old Czechoslovakian estimated 1960s made. Not recent JJ. A special 10,000-hour EF86 made for critical applications. Factory tested. Selected for low noise.	Most OB	25
EF806S	USED	Telefunken logo, West German vintage manufacture with diamond mark <>. Grey anode. This is a special 10,000-hour tube, ideal in high end audio and valve microphones. Factory selected for low noise. Used tested guaranteed. Very clean condition. Match pairs usually possible.	WB	65.00 8 @ 60.00
EFL200	NOS	Equivalent 6Y9. Made in Russia. New. NOS.	WB	2.50 75 @ 2.00
EFL200	NOS	Equivalent 6Y9. Made in West Europe. RT logo. NOS.	OB	3.50 20 @ 2.50 300 @ 2.30
EFP60	NOS	Mullard and other UK NOS. Red metal. Interesting secondary emission pentode. Data: http://tubedata.philipse.info/ if you have difficulty please contact our office.	GB	6.00 30 @ 4.50
EHT7	NOS	UK NOS. Equivalent to GEC EEV B1510A. Suits laser control, x-ray, beam welding, CERN etc. We can obtain 1 piece with a short delay.	OB/WB	POA
EH90 / 6CS6	NOS	USSR NOS B7G base audio, tube.	OB/WB	4.00 100 @ 3.50
EH90 / 6CS6	NOS	80 RCA USA made and 30 Sylvania. All genuine USA made NOS. May or may not have a logo. B7G base audio tube, deduct 25p if you accept them in bulk pack/egg crate, not WB.	WB	3.00 20 @ 2.20 80 @ 1.80
EH90 / 6CS6	NOS	NOS, B7G base audio tube. 5 or 10 each of Mullard, Mazda & Marconi. NOS. Made in West Europe.	OB/WB	4.00 25 @ 3.50
EH900S	NOS	Telefunken logo, no diamond mark. West Europe made NOS. Data www.tubedata.org . Audio application discussed here www.head-fi.org/t/563884/little-dot-tube-amps-vacuum-tube-rolling-guide/1620	OB	5.00 40 @ 3.20
EL3	NOS	Audio output pentode. Can be employed as a triode. Telefunken logo. West German NOS tested guaranteed. 50 pieces the same. GT shape. Also in our stock, socket to fit this tube, ref 8SC, cheap. Data http://www.r-type.org/exhib/aaa0328.htm	GB	32.00 8 @ 28.00 50 @ 24.00
EL3N	NOS	Philips logo. NOS.	OB	30
EL12 / EL12N	NOS	Russian NOS, tested and guaranteed. 10Y sockets to fit in stock. Data: Vf=6.3V, If=1200Ma, Va=250V, Ik=72Ma, S=15Ma/V, Pa=18W.	WB	12
EL30	GRADE 1	RT French made with logo. Test as Grade One. Audio pentode with Some similarities to EL34. Data http://frank.pocnet.net	G1	6.00 20 @ 5.00

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PLEASE ADD 50% RETAIL SURCHARGE FOR ORDERS UNDER GBP240.

TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
EL31	NOS	Mullard, UK with logo. NOS. Audio pentode with similarities to EL37. Used, tested around 70 percent emission, guaranteed. Data/photo http://www.r-type.org/exhib/aaj0238.htm	WB	30.00 2 @ 28.00
EL32	NOS	Mullard logo UK. NOS. Shoulder shape.	OB/WB	20.00 8 @ 16.00
EL32	NOS	Mullard UK. NOS. GT. Tested, guaranteed.	GVT	10.00 20 @ 8.00
EL32	GRADE 1	UK. GEC, ST shape. Test as Grade 1.	G1	12.00 4 @ 11.00
EL32	GRADE 1	Mullard logo UK. G1. ST shape.	G1	16.00 8 @ 13.00
EL32	GRADE 1	RT French.	G1	18.00 4 @ POA
EL33	NOS	Mullard logo, NOS. Tested tube valve. ST shape genuine vintage / antique item made in UK / West Europe.	OB	60.00 4 @ POA
EL33	NOS	RT/Philips. NOS tested guaranteed. Made in France. Shouldered shape. Lovely antique appearance.	GB	60
EL33	NOS	NOS tested guaranteed. No logo and unknown brand, but made in West Europe, 3 month guarantee. Shouldered shape. Bargain price.	GB	35
EL33	GRADE 1	Octal base audio pentode. Mullard, Logo, UK. Tested as Grade One, guaranteed. EL33: Vf=6.3V, If=900Ma, Va=250V, Ik=36Ma, S=9Ma/V, Pa=9W More EL33 data here www.r-type.org . 2/4 pieces usually in stock.	G1	45
EL33	USED	Mullard, UK. With logo. Used, tested and guaranteed.	BB	30
EL33	NOS	Please refer to 6CH6 for a very similar item but with a B9A base instead of octal.		
EL33	NOS	Please refer to 6CH6 (B9a) near equivalent with different base. EL33 IS octal base, 6CH6 is B9A base.		
EL33	NOS	Please refer to 6P25 for a very near equivalent.		
EL33 / CL33	NOS	Mullard UK NOSS. These CL33 are similar to EL33B but CL33 has 35v heater. EL33 CL33 are both loctal base. Data/photo http://www.r-type.org/exhib/aaa0150.htm	OB/WB	12.00 10 @ 10.00
EL33 / N34	NOS	These are N34, B7 base audio pentode. GEC UK NOS. Similar to EL33 but N43 has 13volt heater.	GB	POA
EL33 / PEN36C	NOS	These are PEN36C STC logo UK, NOS. PEN36C is an audio pentode with some similarities to EL33. (Not equivalent). B7 sockets to fit from stock. Socket ref 7PT4. Tested. Guaranteed CV1672. Data for PEN36C, EL33 on the tubedata.itchurch website.	OB	POA
EL33 / PL33	USED	These are NOS PL33 octal base audio pentode. Mullard, logo. UK.NOS, tested and guaranteed. Data free on request.	OB	13.00 12 @ 11.00
EL34	NOS	EL34 BILLINGTON GOLD. Chinese made. Please refer to page 6 for full details.	OB	27.00 20 @ 24
EL34	NOS	Chinese made. New tested, guaranteed. 4 Shuguang / 4 Beijing / 4 GG. 4 larger glass size. Supplied in sets of 4 pieces of the same brand/same appearance.	WB	18.00 16 @ 16.00
EL34	NOS	Electro-Harmonix logo. Russian new. Slim Mullard shape. Tested guaranteed. 2 week delay on this item.	OB/WB	28.00 100 @ POA
EL34	NOS	JJ logo Slovakia. New & guaranteed.	OB/WB	24
EL34	NOS	Mullard logo -Holland NOS. metal base very rare. 2 pieces look the same, test readings on request	G1	300
EL34	NOS	Mullard logo, made in UK or Holland. Large brown base & double O getter, NOS.	OB/WB	160
EL34	NOS	Mullard logo, made in UK or Holland. Double square or double D getter plate. NOS.	OB/WB	170
EL34	NOS	Mullard logo - made in UK. Single O getter ring. NOS.	OB/WB	100
EL34	NOS	Mullard logo - made in UK. Double O getter plate. NOS. Most XF2.	Most OB	160
EL34	NOS	Mullard logo - UK, NOS. Large base, single ring getter.	GVT	150
EL34	NOS	Chinese made Psvane logo. New, tested, guaranteed. Good quality item.	OB/WB	18.00 50 @ 14.00
EL34	NOS	Raytheon logo, made in Japan. NOS, when available. Tests by professionals show that these perform as well as Mullard, UK. The construction is similar to Mullard, UK.	OB/WB	45.00
EL34	NOS	Svetlana, Russian "C" logo. Made in St Petersburg. NOS and tests NOS.	OB/WB	42.00 8 @ 35.00
EL34	NOS	Svetlana, Russian "C" logo. Not made since 2011. Look unused but test around 80 percent of perfect new figure. Lots of life left in these. Look unused.	OB/WB	34.00 4 @ 30.00
EL34	NOS	Svetlana, Russian "S" logo. NOS, tested.	OB/WB	14.00

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
EL34	NOS	Telefunken logo, NOS made by RFT in East Germany. Clean, tested/guaranteed. When available.	WB	POA
EL34	NOS	EL34 Tesla old logo, Czechoslovakia. 1960s or 70s, not JJ! Rare. Brown base. 4 the same. NOS and tested.	WB	60.00 8 @ 55.00
EL34	GRADE 1	EL34 Tesla old logo, Czechoslovakia. 1960s or 70s, not JJ! Rare. Brown base, 4 the same. Tests at least 80% emission, getter splash maybe imperfect.	G1	45.00 12 @ 40.00
EL34	NOS	Please refer to 3D21A for a possible alternative (not an equivalent but it could be used as an audio output pentode).		
EL34	NOS	Please see 6Y6G possible alternative not equivalent. 6Y6G is USA/West Europe made and super low cost!		
EL34	NOS	Refer to E2E for possible alternative, not equivalent. We usually have sockets for E2E in stock.		
EL34	NOS	Please refer to E236L for possible alternative, not equivalent.		
EL34	GRADE 1	Japanese made. Tests by professionals show they perform as well as Mullard, UK. The construction is similar to Mullard, UK. When available.	G1	POA
EL34	GRADE 1	Mazda logo, made in Japan. Tests by professionals show these perform as well as Mullard UK. Construction is similar to Mullard, UK. Guide price GBP36 wholesale.	G1	POA
EL34	GRADE 1	Mullard logo UK. Yellow print. Tested as Grade One, not perfect but decent appearance. Double ring getter.	G1	110.00
EL34	GRADE 1	Mullard logo, UK/Holland. Tested as Grade One, clean and guaranteed. Double D getter plate.	G1	120.00
EL34	GRADE 1	Mullard, UK/Holland. Most have logo, please enquire. Tested as Grade One, clean and guaranteed. Single ring getter.	G1	75.00
EL34	GRADE 1	Philips logo. Made in Holland in 1950s. Tested as Grade One. Dish getter. Mullard code in the base.	G1	POA
EL34	GRADE 1	Telefunken logo. Made in East Germany. When available.	G1	POA
EL34	GRADE 1	Tesla old logo, Czechoslovakia. 1970s. Extremely rare. Grade one tested. When available.	G1	POA
EL34	USED	Mullard logo UK. Used not new, but clean, tested/guaranteed. Single ring getter version.	WB	55.00 4 @ 45.00
EL34	USED	Mullard, UK/Holland. Most have logo, please enquire. Used not new but clean, tested/guaranteed. Double ring getter version.	WB	60.00 4 @ 50.00
EL34	USED	Mullard, UK/Holland. Most have logo, please enquire. Used not new but clean, tested/guaranteed. Double D getter.	WB	80
EL34	USED	Mullard logo, very rare metal base version, UK/Holland. Used not new, but clean, tested/guaranteed. When available.	WB	POA
EL34	USED	Telefunken logo, made BY RFT in East Germany. When available.	WB	75.00
EL34	USED	Telefunken logo. Used. Not new appearance. Tested/guaranteed. Made in East Germany. When available.	WB	POA
EL34	USED	Tesla old logo, Czechoslovakia. 1970s. Extremely rare. When available.	WB	POA
EL34	USED	Westinghouse logo, made in Japan. Tested working, guaranteed 65 percent emission or more. Tests by professionals show that these perform as well as Mullard, UK. The construction is similar to Mullard, UK.	WB	30.00 8 @ 25.00
EL34 / 6CA7	NOS	Chinese big glass.	WB	18.00
EL34 / 6CA7	NOS	Ei logo. Yugoslavian NOS. Fat bottle like USA version. Tested/guaranteed.	OB	110.00
EL34 / 6CA7	NOS	Ei logo. Made in former Yugoslavian (Serbia) NOS. Fat bottle like 6CA7 GE SYLV RCA USA version. Tested/guaranteed. It looks clean, NOS and unused . Like many EI tubes this tests below perfect (70% emission approximate). In our opinion, these are NOS tubes, selling at 25% lower than NOS price.		85.00
EL34 / 6CA7	NOS	GE logo USA NOS. 6CA7 big bulb. Tested/guaranteed.	OB	110.00 2 @ 100.00
EL34 / 6CA7	NOS	Lindal ITT made in South Korea. NOS, tested, guaranteed. 2 look the same. Large bulb size, looks similar to Sylvania USA 6CA7	OB/WB	55.00 2 @ 52.50

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
EL34 / EL34G	USED	Sovtek Russian logo. Rare & no longer manufactured. Used tested working and clean.	WB	13.00 4 @ 12.50
E34L	NOS	Please use EL34 equivalent.		
EL35	NOS	Mullard, UK/Holland with logo. NOS. Audio pentode with similarities to EL37 . Both are octal base.	OB	150
EL35	GRADE 1	Mullard, UK/Holland with logo. NOS. Audio pentode with similarities to EL37 . Both are octal base. Tested as Grade One	G1	110
EL36	NOS	Mullard, UK NOS.	OB/WB	10
EL36	NOS	West European / USA made. NOS.	OB/WB	5
EL37	NOS	Mullard, UK logo. NOS. Audio pentode with similarities to KT66 . Tested. Sets of 2 the same appearance.	OB	150
EL37	NOS	Mullard, UK logo. NOS. Singles, means not in sets of 2 the same appearance.	OB	120
EL37	GRADE 1	Mullard, UK or Holland with logo. Audio pentode with similarities to KT66 . Both are octal based. Tested as Grade One. 4 pieces.	G1	90.00 2 @ 80.00
EL37	USED	Mullard logo. UK tested/guaranteed. 65 or 75 percent emission.	WB	70
EL37	NOS	Possible alternative, not equivalent KT66 .		
EL38	NOS	Mullard logo UK NOS.	OB	29.00 10 @ 27.00 25 @ 25.00
EL38	GRADE 1	Mullard logo, UK. Test as Grade One minimum 80 percent emission. Good physical appearance, but not new appearance. Some are antique bulbous shape.	G1	27.00 8 @ 22.00 25 @ 20.00
EL38	USED	Mullard logo UK used, tested.	WB	18.00 20 @ 17.00
EL38	NOS	Please refer to 6BG6G for possible alternative, not equivalent.		
EL38 / E3375	NOS	GEC Sticker UK NOS. These E3375 are equivalent to EL38 but E3375 are rare GT version. Only 2 left in stock.	OB	60
EL41	NOS	Mullard, NOS. UK / Holland.	OB/WB	10
EL42	NOS	Mullard / Philips logo, NOS. UK / Holland. Data www.tubedata.org	Most OB/WB	10.00 30 @ 8.00
EL42	NOS	Russian NOS.	Mostly OB	8.00 10 @ 6.00
EL50	NOS	Mullard logo UK NOS.	OB	30.00 4 @ 27.00
EL50	USED	Mullard, Philips etc, Used, tested, guaranteed. Decent appearance.	WB	15.00 12 @ 12.00
EL81	NOS	Siemens German made. NOS. 500 of matched appearance. Printed CV2721. Audio type, good for class B push pull. EL81 has some similarities to EL 519 , EL84 and C3M , (but not equivalent). EL81 would make a driver for 845 tubes in SE audio circuit. Data: EL81 : Vf=6.3V, If=1050Ma, Va=250V, Ik=180Ma, S=4.6Ma/V, Pa=8W. EL84 : Vf=6,3V, If=760Ma, Va=300V, Ik=65Ma, S=11Ma/V Pa=12W C3M : Vf=20V, If=125Ma, Va=300V, Ik=30Ma, S=7,2Ma/V Pa=4W	OB	3.00 10 @ 1.50 500 @ 1.20
EL81	NOS	Mullard/Philips. UK/Holland. NOS. Audio type, good for class B push pull. Please refer to EL81 E . European paragraph above. For data enquire from Billington's office.	GVT	4.00 20 @ 3.50
EL83	NOS	35 international brand made by Tungstram Hungary. NOS. 5 x other East Europe and West Europe. Potential audio type. Data www.tubedata.org	OB	4.00 40 @ 3.00
EL83	NOS	NOS. Please refer to SV83 equivalent. Large quantities in stock. Potential audio type.		
EL84	NOS	BILLINGTON GOLD, Chinese made NOS. Tested, guarantee.	OB	20.00 50 @ 17.00
EL84	NOS	Brimar. Very balanced sound, excellent internal construction, superb. UK, NOS.	OB/WB	35.00 8 @ 24.00
EL84	NOS	Chinese new tested working & guaranteed. Psvane manufacture.	OB	16.00 75 @ 13.00
EL84	NOS	Chinese unused and working, but test below perfect. Clean, guaranteed.	WB	16.00 8 @ 12.00
EL84	NOS	GEC sticker, UK NOS tested. 2 the same appearance.	OB/WB	150.00 2 @ 140.00
EL84	NOS	Made in Japan. NOS. 4 Raytheon, 4 Mazda, 4 Westinghouse. Tested, guaranteed, logo.	Most OB	24.00 4 @ 20.00 12 @ 17.50
EL84	NOS	Mullard logo, NOS. Tested guaranteed. 4 Holland made with slot in anode. 4 UK made with "O" in the anode.	Most OB	45.00 8 @ POA

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
EL84	NOS	Mullard logo, D getter NOS. Tested guaranteed. Holland made.	OB/WB	105.00 8 @ POA
EL84	NOS	Mullard logo, D getter NOS. Made in the Sittard plant in Holland. Rare & desirable.	WB	80.00 8 @ POA
EL84	NOS	Raytheon, Sylvania, Westinghouse. USA, NOS, with logo. Tested, guaranteed.	OB	26
EL84	NOS	RCA logo. NOS. USA acid etc.	Most OB	30.00 4 @ 27.00
EL84	NOS	RFT made in Germany. NOS limited quantity. Please enquire.	OB/WB	30
EL84	NOS	Russian NOS / tested. Guaranteed. Maybe EH brand or Sovtek or unbranded, at our discretion.	OB/WB	20.00 100 @ 16.50
EL84	NOS	Telefunken logo. West European made with ◊ mark. Guide price GBP80.00 wholesale.	OB	POA
EL84	NOS	Tung-Sol Russia. New & guaranteed.	OB	21.50 16 @ 20.00
EL84	NOS	Tungstram NOS. Made in Hungary. NOS. Tested, guaranteed.	OB/WB	26.00 8 @ 22.50
EL84	NOS	Tesla logo. NOS. Made in Czechoslovakia. Tested, guaranteed.	Most OB	17.50 16 @ 14.00
EL84	NOS	Valvo logo West Germany. Currently out of stock, please enquire if interested.		POA
EL84	NOS	BILLINGTON GOLD, Russian made NOS. With guarantee. Clean and tested to a special high standard. Great audio quality. Printed Billington Gold logo and "EL84".	OB	23.00 50 @ 20.00
EL84 / 6BQ5	NOS	BILLINGTON GOLD, Russian made NOS. With guarantee. Clean and tested to a special high standard. Great audio quality. Please note these are printed Billington Gold logo and "7189" (not EL84). 7189 Russian is full equivalent to EL84.	OB	17.00 10 @ 15.50
EL84 / 6BQ5	NOS	Ei logo NOS. Yugoslavian. Tested guaranteed.	WB	40
EL84 / 6BQ5	USED	Ei logo. Used. Test around 65-75 percent emission. Made by EI in former Yugoslavia. Tested guaranteed.	WB	30.00 8 @ 22.00
EL84 / 6BQ5	NOS	Russian NOS / tested. Guaranteed.	WB	18
EL84 / 6CL6	NOS	These are 6CL6 Thomson, France. NOS guaranteed, logo. This B9A 6V pentode fits some vintage audio equipment. Partly similar to EL84. B9A base audio pentode. Data We can we can email you an audio circuit, using 6CL6 free of charge on request.	OB	4.00 20 @ 3.50 60 @ 2.40 200 @ 1.40 700 @ 1.30
EL84 / 6GK6	NOS	These 6GK6 are the same as EL84, but different pin out! USA NOS with logo. Tested/guaranteed. 10 or more of pieces of each brand, RCA, Sylvania, Westinghouse.	Most OB	12.00 10 @ 10.00 50 @ 7.50
EL84 / 5639	NOS	Sylvania USA and Thomson France. NOS wire ended 5639. Partly similar to EL84 but lower power, (not equivalent to EL84). These are 5639 wire ended/ flying lead. Data http://tubedata.tubes.se/index.html	OB/GB	5.00 50 @ 2.50
EL84 / 5686	NOS	These are 5686 Raytheon logo, USA NOS. B9A based audio pentode with similarities to EL84. Data: http://tubedata.philipse.info/ if you have difficulty please contact our office. Suits low power amplifiers, eg 1 watt SE triode, 3W SE pentode, 10w PP pentode. Try 225 volts of B+, with cathode bias. Try 9K ohm load in SE pentode mode. Try grid and screen stoppers.	Most OB	5.00 10 @ 4.00 100 @ 3.00
EL84 / CV2243	NOS	These CV2243 have similarities to EL84 but are not the same. Please study the below data carefully. STC/ITT logo UK NOS. These CV2243 are equivalent to 6F14 but with a 9 pin base. CV2243 is equivalent to STC 5A-206K. Data https://frank.pocnet.net/other/ServiceTypes/CVnumbers.html	OB/GVT	5.00 100 @ 4.00 400 @ 3.75

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
EL84 / EL84R	NOS	These are Brimar EL821 / 6CH6 UK NOS with a gold pin adaptor. Glass printed EL84R. Matched pairs available. 1970's vintage, genuine British made Brimar EL821 / CV4055 / 6CH6 pentode with adapters to use directly in place of EL84 tubes. A good way to get British NOS quality, without the expense of NOS EL84 tubes. NOS tested/guaranteed. EL821 / 6CH6 / CV4055 is an output power pentode with characteristics very similar to EL84, but with a different pinout. Data: http://tubedata.philipse.info/ if you have difficulty please contact our office. An Amplifier diagram for EL821 available from our office. These adapters are only suitable for amplifiers where the tubes sit UPRIGHT, not sideways or upside down. So they're good for hi-fi, but not recommended for guitar amplifiers, unless there are retainers to hold the tubes in.	OB/WB	7.50 50 @ 6.00
EL84 / EL183	NOS	These are EL183 Mullard logo. Holland NOS. Some similarities to EL84 & other audio pentodes. High gain/slope! Centre tapped heater. B9A base. Data: Vf=12.6V, If=300Ma, Va=220V, Ik=20Ma, S=25ma/V, Pa=6W. Data: http://tubedata.philipse.info/ if you have difficulty please contact our office.	OB	6.00 4 @ 4.75 200 @ 3.75
EL84 / EL183	NOS	These are EL183 Philips Holland NOS. Printed only "EL183", supplied in bulk pack or egg crate. Some similarities to EL84 & other audio pentodes. High gain/slope! Centre tapped heater. B9A base. Data: Vf=12.6V, If=300Ma, Va=220V, Ik=20Ma, S=25ma/V, Pa=6W. Data: http://tubedata.philipse.info/ if you have difficulty please contact our office.	BP	6.00 4 @ 4.75 600 @ 3.50
EL84 / SV83	NOS	These are SV83 Chinese manufacture NOS. All identical. Guaranteed. SV83 B9A base is similar to EL84 but different pinout. Please refer to data below. SV83 replaces EL84 by rewiring the base. These are bulk pack, egg crate. Please add 25p per tube, if white box with label required. Lowest price in the world. SV83 NEW Chinese, equivalent to 6P15P 6П15П EL83. Similar to 6CK6 EL84 6BQ5. Please add 0.25GBP per tube if white box required.	BP	2
EL84 / SV83 / Data	NOS	Printed SV83 or 6P15P, or 6N15N or 6Pi15Pi. SV83 can replace EL84 by rewiring the base. SV83 B9A base is similar to EL84 but different pinout.		Refer to SV83 for prices
EL84	GRADE 1	Brimar logo UK. Used, tested, as Grade 1 (over 80 percent emission). Guaranteed. Not new appearance but very good appearance. Very balanced sound.	G1	24.50 8 @ 22.00
EL84	GRADE 1	Mazda logo UK made. Test as Grade 1. Means, approximate 80 percent emission. Not new appearance but decent, used appearance with good print and logo. Very balanced sound, excellent internal construction, superb. UK, NOS.	G1 box	25.00 10 @ 20.00
EL84	GRADE 1	4 Mazda, 4 Raytheon, 4 Westinghouse, with logo. Made in Japan. Tests as Grade One.	G1	18.00 4 @ 16.00 12 @ 14.00
EL84	GRADE 1	Mullard logo, D getter. Grade One. Tested, guaranteed. Holland made.	G1	75.00 8 @ POA
EL84	GRADE 1	Mullard logo, UK or Holland. Test as Grade One, small stains in the glass. Sorted into groups according to the Mullard manufacture code. RX1/ RX2 / RX3 / KM1. Please enquire.	G1	28.50 8 @ 24.00
EL84	GRADE 1	RCA logo, USA acid etch. Test as Grade One.	G1	22.00 6 @ 18.00
EL84	GRADE 1	RFT made in Germany. Limited quantity. Please enquire.	G1	22.5
EL84	GRADE 1	Siemens, West European made. Most have logo. Test as G1. 4 pieces.	G1	22
EL84	GRADE 1	Telefunken West Germany with logo and diamond mark.	G1	60
EL84	GRADE 1	USA made GE, Sylvania and Westinghouse. Also some RCA at higher price. Most have logos. Tests as Grade One.	G1	16.00 8 @ 14.00
EL84	GRADE 1	Tungsrham Hungary. Test as grade one. Approximate 80 percent emission. Not new but decent appearance	WB	18.00 12 @ 15.00
EL84	GRADE 1	Valvo logo made in West Germany. Currently out of stock, please enquire if interested.	G1	SOLD OUT

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EL84 / N709	GRADE 1	GEC sticker, UK made. Test 80 percent emission, slightly used. D getter.	G1	140.00 3 @ 125.00
EL84	USED	Brimar logo UK. Used, tested, guaranteed. Very balanced sound. Not new appearance, but decent appearance.	Old OB	17.50 12 @ 15.00
EL84	USED	Mullard logo, D getter UK / Holland. Used not new but clean, test 65-75 percent emission and guarantee.	WB	30.00 12 @ 24.00
EL84	USED	Mullard logo, UK / Holland. Used not new but clean, test 65-75 percent emission and guarantee. Price is for one tube.	WB	20.00 16 @ 16.00
EL84	USED	6 Mazda logo, 4 Raytheon & 6 Westinghouse, with logo. Made in Japan. Tests as used (around 65 percent emission).	WB	12.00 6 @ 10.00 16 @ 8.00
EL84	USED	RCA USA. RCA acid etch. RCA logo. Used not new but clean, tested 70 percent gm or more and guaranteed.	WB	15.00 8 @ 12.00
EL84	USED	RFT made in Germany. Limited quantity. Please enquire.	WB	15
EL84	USED	Siemens, West European made. Most have logo. Used tested guaranteed. 4 pieces.	WB	15
EL84	USED	Telefunken West Germany with logo and diamond mark. Tested as used, guaranteed.	WB	33
EL84	USED	USA made. 8 Raytheon, 12 RCA & 6 Sylvania. Used not new but clean, tested 65 percent gm or more. Guaranteed.	WB	12.00 8 @ 10.00 26 @ 8.00
EL84	NOS	Please refer to these top quality possible alternatives, NOT equivalents: * Mullard, EL91 lower power alternative. * SV83 super low cost alternative, B9A different pinout. * 6CH6 UK, partly similar to EL84.		
EL84M	USED	Russian used, tested guaranteed. 12 pieces.	WB	6
EL85	NOS	Mullard UK. 6 of Philips Holland. Possible audio pentode. NOS.	GVT	5.00 4 @ 4.20 40 @ 4.00
EL85	NOS	Made in Russia or Hungary, NOS.	OB/WB	2.50 16 @ 2.00
EL86	NOS	Mullard UK. NOS. Similar to EL84 but has a different anode current. Data: Vf=6.3V, If=760Ma, Va=250V, Ik=100Ma, S=10Ma/V, Pa=12W. B9A socket.	Most OB	6.5
EL86	NOS	10 USA Westinghouse etc, 30 Japan Mazda or Toshiba, 20 Tungfram Hungary.	Most OB	10 @ 5.00 20 @ 4.50 60 @ 4.00
EL86	USED	Mullard UK. Used, tested.		3
EL90	NOS	Refer to equivalent 6AQ5 , audio pentode		
EL90 / 6005	NOS	Telefunken logo. West German made, NOS. Diamond mark <-> between pins.	OB	57.50 2 @ 57.00
EL90 / 6005 / 6AQ5	NOS	Mullard logo. UK NOS.	Most OB	14
EL91 / 6AM5	NOS	Mullard old style logo. UK NOS. 1970s vintage genuine Mullard pentode power amplifier pentode. A micropower audio output power pentode. Output approximately 1.5 watts single-ended or 5 watts push pull. Useful for building headphone amps, micropower amps or line drivers.	GVT	6.00 50 @ 5.50 100 @ 5.00
EL91 / 6AM5	NOS	Mullard UK, Government print, no logo. 1970s vintage genuine Mullard audio power pentode. Output 1.5 watts single-ended or 5 watts push pull. Useful for building headphone amps, micropower amps or line drivers.	OB	5.00 40 @ 4.50 100 @ 4.00
EL91	NOS	Equivalent to CV136 and CV4063		
EL95	NOS	Valvo logo. West European made. Equivalent to 6DL5.	Most OB	17.50 6 @ 16.00
EL95	NOS	Telefunken logo. West German made, NOS. <-> between pins.	OB	16.00 12 @ 13.50
EL95 / 6DL5	NOS	USA NOS Sylvania, Westinghouse, etc.	Most OB	7.00 4 @ 6.00
EL152	NOS	Telefunken logo, NOS West German made. 6 pieces look identical. Similarities to KT88 but 9 pin base. Data: http://tubedata.philipse.info/ if you have difficulty please contact our office. Chinese socket 9E2E, to fit this tube, sent as a free gift.	GVT	50
EL152	NOS	Telefunken. Similarities to KT88 but needs socket 9E2E. Data EL152: Vf=6.3V, If=1550Ma, Va=1000V, Ik=230Ma, Pa=40W.	GVT	POA
EL153	NOS	Telefunken. Similarities to KT88. Data: Vf=6.3V, If=1550Ma, Va=650V, Ik=230Ma, S=4Ma/V, Pa=40W.	OB/WB	POA
EL156	NOS	Chinese. Identical to antique Telefunken item but has octal base. Tested/guaranteed. If available.	WB	POA

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
EL156	NOS	Telefunken logo, West German NOS. 1 only. If you order this we will supply the socket to go with it free of charge. If available price approx GBP160.00.	GVT	POA
EL156	NOS	If you buy EL156 we will supply socket to go with it.		
EL183	NOS	These are EL183 Philips Holland NOS. Printed only "EL183", supplied in bulk pack or egg crate. Some similarities to EL84 & other audio pentodes. High gain/slope! Centre tapped heater. B9A base. Data: Vf=12.6V, If=300Ma, Va=220V, Ik=20Ma, S=25ma/V, Pa=6W. Data: http://tubedata.philipse.info/ if you have difficulty please contact our office.	BP	6.00 4 @ 4.75 600 @ 3.50
EL183E	NOS	Philips Holland NOS. In bulk pack or egg crate. Some similarities to EL84 & other audio pentodes. High gain/slope! Centre tapped heater. B9A base. Data: Vf=12.6V, If=300Ma, Va=220V, Ik=20Ma, S=25ma/V, Pa=6W. Data: http://tubedata.philipse.info/ if you have difficulty please contact our office.	BP	6.00 4 @ 4.75 200 @ 3.75
EL360	NOS	East European. Clean, tested, guaranteed.	OB/WB	10.00 10 @ 7.00
EL360	NOS	Please refer to 3D21A , alternative, not equivalent item		
EL360	NOS	Mullard logo UK NOS. Possible audio type. Data www.tubedata.org	OB/WB	12
EL360	NOS	STC UK NOS. Printed 11E14. 11E145 is equivalent to EL360. Data www.tubedata.org	OB/WB	11.00 5 @ 10.00
EL360	GRADE 1	Mullard UK with logo. Tests as Grade One. Possible audio type. Small stain in glass.	G1	5.00 20 @ 4.00
EL500	NOS	Mullard logo, NOS.	OB/WB	14.00 10 @ 13.50
EL503	NOS	West European made. NOS.	OB/WB	95.00 3 @ 85.00
EL503	USED	Mullard. Tests 65 or 75 percent emission. West European made.	WB	37
EL504	NOS	Printed 6N36C 6P36S. Large size glass. Data http://www.r-type.org/exhib/acf0082.htm	WB	9.00 10 @ 5.50
EL504	NOS	Mullard UK NOS with logo.	OB/WB	14.00 8 @ 13.50
EL504	NOS	New Tungstram Hungary. New, clean and identical with guarantee. Deduct 25p if you accept without white box (egg crate or bulk pack instead).	WB	9.00 10 @ 5.50 30 @ 5.00 100 @ 4.50
EL506	USED	West European, used but tested at 70 percent emission approximately and guaranteed.	WB	18
EL508	NOS	Mullard logo Holland. NOS. Audio output Pentode. Equivalent to 6KW6. Photo/ideas re audio amplifier application at www.r-type.org/exhib/aaa0326.htm	OB	8.00 40 @ 7.00 100 @ 6.00
EL509	NOS	The JJ Electronic EL509S is an octal based version of the EL509 / EL519. It has no top anode cap. The anode plate is wired to a pin on the octal base. These are rated at 700v and 42 watts anode dissipation. The JJ EL509 is often seen in OTL amplifiers. Our JJ stock has JJ logo and is new, tested, guaranteed.	OB	30.00 6 @ 27.50
EL509	NOS	Mullard/Philips Holland. NOS. Tested with guarantee.	Most OB	POA
EL509	NOS	Philips West European made, NOS.	OB/WB	42
EL509	NOS	Svetlana, Russia. Some are Ultron logo, NOS.	WB	22
EL509	USED	Russian. Used, clean and tested with guarantee.	OB/WB	15
EL509 / 6Pi42	NOS	Real EL509 are very rare. So, consider NOS 6P42S/6Pi42 stock. These 6P2S have a different pinout to 6Pi45/EL509, but these 6P42S are fairly similar to EL509. 6Pi42/ 6P42S data from our office. Some data in English. Some in Russian.	OB/WB	12.5
EL519	NOS	Philips Holland. NOS. Tested.	Most OB	POA
EL519	NOS	Equivalent to 6N45C, 6KG6, 6P45S. Svetlana, Russian. Most have C logo. NOS. Tested guaranteed.	WB	30.00 8 @ 27.00
EL519	GRADE 1	Svetlana C logo, Russian. Tested as Grade One with guarantee.	G1	22
EL802	NOS	Philips MiniWatt Holland NOS. B9A audio pentode. Data http://tubedata.itchurch.org/sheetsE1.html Circuit diagram for audio amplifier using EL802 www.pmllett.com/el802_spud.htm	OB	8.00 20 @ 6.50
EL803	NOS	Brimar NOS.		12
EL803S	NOS	Telefunken logo NOS <-> West German.	OB	15
EL821	NOS	Mullard. UK.	OB/WB	5.00 20 @ 4.50

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
EL821	NOS	Should be plenty in stock. Please refer to 6CH6.		
EL821	NOS	Please refer to 6CH6 for special offer prices.		
EL822	NOS	Mullard logo UK NOS. Suits many applications including audio. Partly similar to EL84.	Most OB	11.50 10 @ 10.00 50 @ 9.00
EL822	NOS	Please see EL84 / EL822 .		
EL3010-R	NOS	NOS tube, probably West European made. With a black base. Printed only "EL3010-R". Audio pentode. (Compare to Telefunken West German EL3010, with metal base).	WB	36.00 3 @ 30.00
ELL80	NOS	Western European made NOS. Mullard, Brimar, Valvo etc.	OB/WB	20.00 5 @ 18.00
ELL80 / QQV03-10	NOS	These are QQV03-10 Mullard logo, UK/Holland QQV03-10. QQV03-10 are double tetrode output tubes with similarities to ELL80. They work with output transformers designed for EL84 or 6V6. Free data available.	OB/WB	5.75 40 @ 5.00 80 @ 4.20 200 @ 3.50
EM1	NOS	West European. NOS, eg Mullard 3 pieces.	Most OB	40
EM1	USED	West European. Used, tested, eg Mullard 4 pieces.	WB	20
EM4	NOS	Philips NOS.	OB/WB	40
EM4	USED	Some Philips, some Tungsram. Used, not new but tested/guaranteed.	WB	16
EM34	NOS	Mullard logo, UK NOS.	OB/WB	80
EM34	NOS	Clear glass by Zaerix and other Russian made. Possibly 6 pieces.	OB/WB	50
EM34	GRADE 1	Mullard logo red paint. Test as new, looks Grade One but almost new appearance. Possibly 6 pieces.	G1	60
EM34	USED	Mullard red paint. Tested working used, decent appearance. Possibly 6 pieces.	G1	30
EM35 / Y63 / CV1103	NOS	Magic eye. GEC & other UK made NOS. Octal base tested new and unused. Some similarities to EM34 but not equivalent.	GB	14.00 12 @ 11.00
EM80	NOS	EI logo, Yugoslavian EI made. NOS. Limited quantity.	WB	13.00 40 @ 12.00
EM81	NOS	EI NOS Yugoslav made NOS.	WB	13.00 40 @ 12.00
EM81	NOS	West European, NOS. 10 Mullard + 1 Telefunken.	OB/WB	22.00 10 @ 20.00
EM84	NOS	Mullard, Amperex, West Europe. NOS.	OB/WB	14.00 8 @ 12.20
EM84	NOS	10 x EI Yugoslav and 8 x Chinese. New tested guaranteed.	OB/WB	10.00 18 @ 9.20
EM85	NOS	Mullard & other West European NOS.	OB/WB	40
EM87	NOS	Mullard & other West European NOS.	OB/WB	10
EMM801	NOS	Telefunken West German NOS <>. Usually available.	OB/WB	50
EN10	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	POA
EN31	NOS	Mullard logo UK NOS. Gas filled thyratron. Great appearance.	Most OB	8.00 20 @ 7.00
EN32	NOS	Mullard logo UK NOS. Equivalent to PL6574, 6574, TGL12079.	Most OB	8.00 20 @ 7.00
EN92	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	POA
EN93	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	POA
ESU74	NOS	GEC UK NOS. Huge audio rectifier, slightly similar to 872A 21cm tall. A giant ES base. Filament voltage 4V. Filament current 12A. Max mean anode power 100W. Max PIV 65kV. Min total emission 2.5A.	OB/GB	20.00 16 @ 15.00
EY51 / 6X2	NOS	West European made Siemens NOS. West European made Siemens NOS. High Voltage Rectifier, suits oscilloscopes. Data: http://tubedata.philipse.info/ if you have difficulty please contact our office.	OB	3.00 5 @ 2.2 300 @ 2.0
EY84	NOS	Mullard UK NOS, with logo. Audio rectifier. Slow warm up rectifier with high pulse properties similar to 6D22S & A2272. Data Vf=6.3V, If=1000Ma, Va=500V, Ik=150Ma. B9A base. More data /www.r-type.org/exhib/aaa0230.htm .	OB/GVT	5.00 4 @ 3.50 100 @ 3.00 300 @ 2.50 900 @ 2.00
EY86 / EY88	NOS	East European, NOS.	Mostly GVT	2.50 10 @ 1.50 100 @ 1.30
EY86 / EY88	NOS	West European, NOS. Mullard, Valvo etc.	Mostly GVT	3.50 8 @ 3.00 100 @ 2.30
EZ11	NOS	Telefunken logo. West German, NOS, tested guaranteed.	OB	25.00 4 @ POA
EZ11	USED	Telefunken logo. West German. Tested guaranteed. 50 pieces the same. Socket to fit this tube, ref SOC10Y, in stock	WB	12.50 25 @ 9.50

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
EZ11	GRADE 1	Grade 1 Telefunken logo. Please enquire.	OB	POA
EZ35	NOS	Refer to 6X5GT .		
EZ40	NOS	Cifte France, NOS.	OB/GB	4.00 20 @ 3.50 100 @ 3.00
EZ40	NOS	Audio rectifier. Tungfram logo, Hungary NOS guaranteed. Similarities to 6X4 and EZ81 but different base. Socket to fit this tube, 89sks, in stock. 6X4 : Vf=6.3V, If=600Ma, Va=325V, Ik=70Ma EZ41 : Vf=6.3V, If=600Ma, Va=350V, Ik=90M More data in EZ41 section below.	OB/WB	3.00 6 @ 2.34 30 @ 2.20
EZ40	NOS	Audio rectifier. CIFTE logo, Made in France, West Europe. Similarities to 6X4 and EZ81 but different base. Socket to fit this tube, 89SKS, in stock. Data: http://tubedata.philipse.info/ if you have difficulty please contact our office.	OB/WB	4.00 10 @ 3.34 100 @ 3.00
EZ40A	NOS	Audio rectifier. CIFTE logo, Made in France, West Europe. Similarities to 6X4 and EZ81 but different base. Socket to fit this tube, 89SKS, in stock. Data https://www.radiomuseum.org/tubes/tube_ez40a.html	OB	3
EZ41	NOS	Mullard logo UK / Holland. NOS. Audio rectifier. With guarantee. Similarities to 6X4 and EZ81 but different base. Socket to fit this tube, ref 89SKS, from our stock. Data www.tubedata.org	OB/WB	5.50 100 @ 4.50
EZ41	NOS	Most are Philips UK / Holland. Mullard UK NOS. All with logo Guaranteed. Audio rectifier. Similarities to 6X4 and EZ81 but different base. Socket to fit this tube, 89SKS, in stock. Data: http://tubedata.philipse.info/ if you have difficulty please contact our office.	OB/WB	5.50 100 @ 4.50
EZ80	NOS	Brimar UK made NOS.	OB/WB	20
EZ80	NOS	New East European, tested.	OB/WB	12.00 10 @ 11.00
EZ80	NOS	Mullard logo, some French made, some made in Holland NOS. Tested guaranteed.	Most OB	18.00 10 @ 14.00 50 @ 13.00
EZ80	NOS	Mullard UK. NOS.	OB/WB	20.00 10 @ 18.00
EZ80	NOS	Mullard logo UK / Holland made NOS. D or square getter.	OB/WB	22.00 4 @ 17.50
EZ80	NOS	Mullard logo UK / West Euro made NOS.	OB/WB	20.00 4 @ 15.00 30 @ 18.00
EZ80	GRADE 1	Brimar UK made. Test as Grade One. Do not look new but look decent. Guaranteed.	G1	15
EZ80	GRADE 1	Mullard logo UK made. Test as Grade One. Do not look new but look decent. Guaranteed.	G1	15.00 8 @ 12.40
EZ80	USED	Mullard logo, West Euro/UK made, tested working. A few are square getter.	OB/WB	10
EZ81	NOS	Mazda UK or Brimar UK NOS.	OB/WB	25
EZ81	NOS	USA. NOS. GE Sylvania etc.	Most OB	18.00 8 @ 25.00
EZ81	NOS	Mullard logo, UK NOS. Usually available.	OB	50
EZ81	NOS	Mullard logo, UK NOS. Square getter or D getter.	OB	60
EZ81	NOS	NOS, 4 of each: Electro-Harmonix Russia, Mazda Japan, Tesla Slovakia, Westinghouse USA. 4 mixed brands.	OB/WB	18.00 4 @ 17.00 20 @ 16.00
EZ81	NOS	RFT made, some are printed Zaerix, East German. NOS, tested, guaranteed.	OB/WB	17.50
EZ81	GRADE 1	Grade 1 test near NOS but signs of being lightly used. 4 x Brimar foreign, 10 x Sylvania USA, 6 x Japanese includes Mazda.	OB/WB	18.00 4 @ 17.00 20 @ 16.00
EZ81	GRADE 1	Mullard logo UK. Tested as grade 1. Not new appearance but decent appearance. Guaranteed. Square getter or D getter.	G1	25.00 4 @ 23.00
EZ81	GRADE 1	USA made Sylvania with logo. Not new appearance but decent appearance. Test very strong. Guaranteed.	G1	11.00 10 @ 10.00
EZ81	USED	Brimar logo. West euro made. Tested guaranteed.	WB	9.00 10 @ 7.00
EZ81	USED	Mazda UK, or Brimar UK. Used, tested.	WB	12
EZ81	NOS	Please consider lower power 6X5GT as an alternative, not equivalent. EZ81 is B9A base, 6X5GT is octal base. EZ81 is rare, 6X5GT we have plenty.		
EZ90	NOS	Please refer also to 6X4 .		
EZ90 / 6X4	NOS	Mullard logo EZ90 UK NOS. Tested.	OB/WB	36.00 4 @ 30.00
EZ90 / 6X4	GRADE 1	10 pieces Mullard EZ90 UK. Tested as new but sold as Grade 1. UNUSED with clean original Mullard logo. The getter doesn't look perfect so sold here at Grade 1 price D getter.	G1	25.00 10 @ 22.00

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
EZ150	NOS	Telefunken West German. NOS. Similar to 5U4G but has different heater and base. We will send free gift sockets, to fit this valve. Guide price GBP135 wholesale.	GB/WB	POA
F2A	NOS	NOS. Small quantity.	OB/WB	POA
F2A	GRADE 1	Siemens West German. GBP90 wholesale if available.	G1 box	POA
F2A	USED	Siemens West German. Used and test only 50 or 60 percent emission hence the low price. Decent appearance and guaranteed.	WB	50.00 2 @ 47.50
F2A11	USED	Siemens West German. Used, tested, guaranteed. Not new but looks decent. For data refer to F2a section, above.	WB	75.00
F410	USED	These F410 have many similarities to PX25. Philips West Europe F410. Used not new appearance but decent appearance. Tested/guaranteed. B4 socket, to fit, from stock. F410 Vf=4,0V, If=2000Ma, Va=550V, Ik=45Ma, S=4,0Ma/V, Pa=25W.	WB	120.00 2 @ 115.00
FC4	NOS	Mullard, UK NOS.	OB	20
FC13	NOS	Mullard, UK NOS. With gold metalizing.	OB	20.00 12 @ 15.00
FC13C	NOS	Mullard, UK NOS. With gold metalizing.	OB	25.00 10 @ 20.00
FW4-350	NOS	Mullard logo UK NOS. Some black anode, some grey anode. Some black base, some brown base.	Most OB/WB	55.00 2 @ 50.00
FW4-500	NOS	Mullard logo UK NOS. Some black anode, some grey anode. Some black base, some brown base. Some printed CV1264, some have other print. Sets of 2 pieces identical appearance. This item has become rare.	Most OB/GVT	70
FW4-800	NOS	Or U18 GEC / MOV / Osram UK, NOS. 5 pieces of mixed appearance.	OB/WB	180.00 5 @ 170.00
FW4-800	NOS	Mullard UK NOS. Some black anode, some grey anode. Some black base, some brown base. This item has become rare.	Most OB/GVT	70
FW4-800	NOS	FW4-800 or U18 GEC / MOV / Osram UK, NOS. Very limited quantities.	Most GB	220
FW4-800	USED	Mullard UK, used, tested, good appearance. Some black anode, some grey anode. Some black base, some brown base.	WB	60.00 4 @ 55.00
FX2535	NOS	EEV, UK NOS. Similarities to 4C35 although not an equivalent.	GVT	240.00 4 @ 200.00
G55-1K	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	17.00 Bulk @ POA
G240-2D	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	POA
G400-1K	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	POA
GC10-4B	NOS	West European made NOS.	OB/WB	25.00 10 @ POA
GC12-4B	NOS	UK NOS. If available...	WB	POA
GC10-B	NOS	Equivalent CV2271. UK made NOS.	OB/WB	20.00 12 @ 15.00
GD105A	NOS	NOS. UK or USA. Several in stock.	OB/WB	10
GD105AS	NOS	NOS. UK or USA. Several in stock.	OB/WB	10
GD150A	NOS	NOS. UK or USA. 20 in stock.	OB/WB	10
GDT120T	NOS	NOS. UK or USA. Several in stock.	OB/WB	10
GDT4B	NOS	NOS. UK or USA. Several in stock.	OB/WB	10
GEX541	NOS	USA or UK made. NOS. semiconductor diode.	OB/WB	4.20 70 @ 3.40
GEX541	USED	Mullard power rectifier diode. Used. For you to test. 90 day guarantee.		1.80 8 @ 1.60 50 @ 1.30
GI-2B	NOS	NOS. Made in Russia. Pulse Planar Triode NOS. 3.2GHZ frequency, 9cm band. (Note the 2nd letter is I for India)	GVT	30.00 20 @ 20.00
GN4	NOS	ITT NOS Nixie tube. Clear glass. Data the same as GN4A, except these are clear glass http://www.r-type.org/exhib/aaa1631.htm	WB	12.00 5 @ 10.00
GN4A	NOS	ITT NOS Nixie tube. Clear glass. Data http://www.r-type.org/exhib/aaa1631.htm	WB	12.00 7 @ 10.00
GN4D	NOS	ITT NOS Nixie tube. Clear glass. Data maybe similar to GN4A. http://www.r-type.org/exhib/aaa1631.htm	WB	10.00 5 @ 8.00
GN4 / NL5965	NOS	These are NL5965. National NOS Nixie tube. Clear glass. The general appearance is similar to GN4. Can anyone help with data? Our data search continues on this item.	GVT	10.00 9 @ 7.50
GN4P	NOS	ITT NOS Nixie tube. Red glass. Data maybe similar to GN4A. http://www.r-type.org/exhib/aaa1631.htm	WB	10.00 4 @ 8.00

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GN13A	NOS	ITT NOS Nixie tube. Clear glass. Flying lead / wire ended. Data https://www.radiomuseum.org/tubes/tube_gn13a.html	WB	12.00 5 @ 10.00
GR10A	NOS	NOS. Seems to be a Dekatron. UK or USA.	OB/WB	10.00 20 @ 8.00
GR10AK	NOS	NOS. CV5291. Seems to be a Dekatron. UK or USA.	OB/WB	15.00 5 @ 12.00
GR10MU	NOS	NOS. UK or USA.	OB/WB	20.00 20 @ 16.00
GS4V	NOS	Russian Generator triode. Titanium-ceramic. Forced air heater 6v at 0.5A. Anode 200v. gm is 18ma/v. Output power 15w. Operating frequency 7500 mhz.	GVT	3.00 100 @ 2.40
GS10C	NOS	NOS. UK or USA. Dekatron.	OB/WB	8.00 20 @ 6.00
GS10D	NOS	NOS. UK or USA Dekatron.	OB/WB	8.00 8 @ 6.00
GS10H	NOS	Hivac UK NOS. Clean and guaranteed. A counting tube. Data/photo www.r-type.org/articles/art-132.htm If nixie tubes interest you then these will probably interest you too.	WB	12.00 10 @ 10.00 20 @ 8.00
GS12D	NOS	NOS. UK or USA. Several in stock.	OB/WB	10
GS17A	NOS	NOS. UK or USA. Several in stock.	OB/WB	10
GS18	NOS	NOS. UK or USA. Several in stock.	OB/WB	10
GS50	NOS	UK. NOS. Rank logo. Photo cell.	OB	14.00 8 @ 11.00
GS50	NOS	NOS. UK or USA. Several in stock.	OB/WB	10
GT1C	NOS	GEC UK NOS. Heater 4v @ 1.3A, CV1128 NGT2 argon filled relay tube, capable of controlling 1 amp B5 socket to fit, from stock. Data: http://tubedata.philipse.info/ if you have difficulty please contact our office.	GVT	7.50 20 @ 5.00
GU-50	NOS	NOS. Made in Russian. GU-50 is a power pentode. Useful in audio amps, both in single-ended and push-pull modes. Originally intended for 50 Watt operation in linear RF 120 MHz. Russian print is ry50. GU-50 is exact equivalent to Telefunken LS-50. If you buy these we can direct you to a supplier of sockets.	GVT	10
GU-50	NOS	NOS. MOV & other UK made. Near equivalent to: AU6, CV1072, CV1626, DCG1.5-250, ESU101, NU16, RG1-240A, RG250/1000, VU72. GU50 UK is no relation to Russian GU50 or Telefunken LS-50.	OB/WB	25
GU81M / GU81M	NOS	When available. Huge Russian NOS pentode. Suits broadcasting, audio, medicine, induction heating (eg hardening of cutting tools, plastic industry, curing food). Guide price GBP50 wholesale.	OB/WB	POA
GXU50	NOS	GEC UK NOS.	OB	20
GXU50SS	NOS	Solid State. UK NOS. GXU50SS are similar to 3B28 but GXU50SS have B4 base and 4V heater. Half wave audio rectifier. Data: Vf=4V, If=3000Ma, Va=1800V, Ik=250Ma. These are GXU50SS. Solid state equivalent, not glass.	OB/GVT	10.00 50 @ 7.50
GZ30	NOS	Brimar logo foreign made, NOS.	WB	6.5 10 @ 5.50 100 @ 4.50
GZ30	NOS	Mullard logo, UK. NOS. GVT	GVT	44.00 8 @ 37.00
5Z4G / 25Z4G / U31	NOS	These are U31/25Z4G, GEC/MOV Marconi Osram UK NOS clean/guaranteed. ST shape octal half-wave rectifier, great for audio amps. Data: Vf=25V, If=300mA, Va=235V, Ik=150mA. U31/25Z4G has similarities to 5Z4G and GZ32, GZ34, but U31 has 25 volt heater.	OB/WB	10.00 10 @ 9.00
5Z4G / 25Z4G / U31	GRADE 1	These are U31, GEC/ MOV Marconi Osram UK NOS clean/guaranteed. ST shape octal half-wave rectifier, great for audio amps. Data: Vf=25V, If=300mA, Va=235V, Ik=150mA. U31 and its equivalents like 25Z4G have similarities to 5Z4G and GZ32, GZ34, but U31 has 25 volt heater. Test near new, look good but not perfect therefore sold as Grade 1.	G1 box	7.00 20 @ 6.00
5Z4G / 25Z4G	NOS	These are 25Z4G mix USA NOS clean/guaranteed. Octal half-wave rectifier, great for audio amps. ST shape. Data: Vf=25V, If=300mA, Va=235V, Ik=150mA. 25Z4G has similarities to 5Z4G and GZ32, GZ34, but 25Z54G has25 volt heater.	OB/WB	8.00 20 @ 6.50
GZ30 / 5Z4GT	NOS	Mullard NOS valve tube. Russian made tubes printed & branded by Mullard in the 1980's. NOS & test as NOS.	OB/WB	25.00 4 @ 20.00 20 @ 17.50
GZ30	GRADE 1	Mullard logo, UK made. Grade One, lightly used & test strong in the green zone but not tested as perfect NOS.	G1	33.00 8 @ 28.00

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PLEASE ADD 50% RETAIL SURCHARGE FOR ORDERS UNDER GBP240.

TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
GZ30	GRADE 1	Mullard UK, tested.	G1	22.00 5 @ POA
GZ30	USED	Mullard logo, UK. Used, tested, decent appearance guaranteed.	WB	22.00 4 @ 17.50
GZ30	NOS	Equivalent to 5Z4G .		
GZ32	NOS	Brimar logo Russian NOS. Suitable up to 125Ma and 350V. Shoulder shape, black Bakelite base. Tested with guarantee.	OB	16.00 12 @ 15.00
GZ32	NOS	Brimar logo Russian NOS. Suitable up to 125Ma and 350V. Straight shape, black Bakelite base. Tested with guarantee.	OB/WB	12.00 50 @ 10.00
GZ32	NOS	French manufacture, and are new, tested, and guaranteed. All of these are the same, some are Miniwatt logo and some are Mazda logo. (GZ34 Mullard extinct, GZ37 Mullard difficult to find). Consider GZ32 near equivalent.	OB/WB	33
GZ32	NOS	Mullard logo, UK NOS. Shouldered shape, tested, guaranteed.	WB	82.50 4 @ 77.50
GZ32	NOS	Mullard logo NOS. Made by Philips in Holland or France. Shoulder shape. Slightly smaller than Mullard UK GZ32.	WB	33
GZ32	NOS	Haltron foreign NOS. Suitable up to 125Ma and 350V. Coke bottle / ST shape, tested with guarantee.	WB	16.00 6 @ 13.00 20 @ 11.00 100 @ 9.00
GZ32	GRADE 1	Mullard logo UK. Shouldered shape, tested, guaranteed. Test near to new, look decent but don't look new. Sold as Grade 1.	G1	60.00 8 @ 50.00
GZ32	USED	Mazda & other French made. NOS. Straight sides. Large size, handles full power. Tested, guaranteed with logo.	OB/WB	23
GZ32	USED	Mullard UK / Holland, Mullard logo, shouldered shape. Used and not new appearance but tested/guaranteed.	WB	32.5
GZ32	NOS	Please refer to 5V4G exact equivalent and 5Y4GA very near equivalent. Both are less than half the price of GZ32 Mullard!		
GZ32	NOS	Please refer to 25Z6GT for a fantastic low cost alternative, not equivalent with a different heater voltage.		
GZ32 / 5V4G	NOS	These are 5V4G STC / Brimar logo UK. NOS. Shoulder ST shape.	GVT	POA
GZ32 / 5V4G	GRADE 1	Brimar logo. 5V4G test as Grade 1. ST shape. With guarantee.	G1	27.00 4 @ POA
GZ32 / 5V4G	USED	These are 5V4G Brimar logo UK. Used tested. Small stains in glass.	WB	POA
GZ32 / 25Z6GT	NOS	These are 25Z6GT, 100 RCA, 1900 National Union logo USA NOS clean, uniform appearance and guaranteed. Octal half-wave rectifier. Data: Vf=25V, If=300mA, Va=235V, Ik=150mA. Not equivalent to GZ32 etc. but a low cost alternative to 5V4G, GZ32 and GZ37 which wholesale around GBP25.00 each.	GVT	2.00 10 @ 1.00 2,000 @ 0.75
GZ33	NOS	Mullard, UK.	OB/WB	70
GZ33	GRADE 1	Mullard, UK. Grade One.	G1	52
GZ34	NOS	Mazda logo. Japanese made. NOS. Reliability and rugged modelled after famous USA brands like GE or RCA. Tested Guaranteed.	OB/WB	65
GZ34	NOS	A solid-state rectifier that replaces tubes 5AR4, GZ34, 5Y3 & 5U4G. NOS. Guaranteed.	WB	8.00 25 @ 6.00
GZ34	NOS	BILLINGTON GOLD logo, Chinese. Red, blue, gold. With guarantee. Good quality tested item.	OB	17.00 30 @ 16.00
GZ34	NOS	Chinese. Guarantee. NOS. Some are stock and some are 3 week's delivery.	WB	15.00 30 @ 13.00
GZ34	NOS	Japanese made. NOS. Reliability and rugged modelled after famous USA brands Tested Guaranteed.	OB/WB	60
GZ34	NOS	JJ NOS 5AR4. New, tested and guaranteed.	OB/WB	25.00 6 @ 20.00
GZ34	NOS	Mullard NOS with large base, or double D getter. Guide price if available GBP250 wholesale. Mullard NOS with metal base, if available GBP400 wholesale.	OB	POA
GZ34	NOS	Mullard UK/Holland with normal base and single ring getter. NOS.	OB/WB	150.00 8 @ 125.00
GZ34	NOS	Sovtek 5AR4. New and guaranteed.	WB	25.00 10 @ POA
GZ34	NOS	USA NOS. GE, RCA, Westinghouse.	OB/WB	65.00 3 @ 60.00
GZ34	NOS	Consider alternative, not equivalent rectifier 25Z6GT . 25Z6GT has a different heater voltage, etc. but it is many, many times cheaper than GZ34.		

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
GZ34 / 5Z4GT	NOS	SOLD – please enquire.		POA
GZ34 / 25Z6GT	NOS	These are 25Z6GT, 100 RCA, 1900 National Union logo USA NOS clean, uniform and guaranteed. Octal half-wave rectifier. Data: Vf=25V, If=300mA, Va=235V, Ik=150mA. A low cost alternative to GZ34 (not equivalent.). GZ34 Mullard are GBP100 each but impossible to find. Consider 25Z6GT alternative.	GVT	2.00 10 @ 1.00 2,000 @ 0.75
GZ34SS	NOS	These are GZ34SS, similar to 5U4G and GZ34 but are a solid-state rectifier that replaces tubes 5AR4, GZ34, 5Y3 & 5U4G. NOS. Guaranteed. Once existing stock is sold, the price is likely to double as current manufactured items cost more than stock we bought years ago. Believed to be UK made.	WB	8.00 25 @ 6.00
GZ34	GRADE 1	GEC sticker made in Japan. In our opinion this tube is unused! No stains or other signs of usage but the getter is a little bit “rainbow” at one edge, so price is reduced. Tested and guaranteed. After the GEC factory closed in the late 70s/early 80s they bought tubes from other factories, eg Japan, and tested them at GEC MOV and added GEC logo or sticker.	G1	57.50 4 @ 45.00
GZ34	GRADE 1	Mullard UK/Holland with normal base. Tests new but a small stain in the glass, hence sold at Grade 1 price.	G1	100.00
GZ34	GRADE 1	Mullard UK/Holland with normal base and single ring getter.	OB/WB	90.00 4 @ 80.00
GZ34	GRADE 1	Mullard made in UK. Big base. Double ring getter. Test as Grade One. Small stain in glass, but good print and decent appearance.	G1	150.00
GZ34	GRADE 1	Mullard logo. UK/Holland with metal base. Grade One, some stain in glass. Guide price GBP250 wholesale.	G1	POA
GZ34	GRADE 1	Telefunken, tests NOS with original logo mostly intact. Looks slightly dusty, but tests near new.	G1	175.00 2 @ 160.00
GZ34	USED	Mullard logo, UK with normal base. Used, fully tested, working, guaranteed. Some glass stains. Do not look new, but look decent.	WB	POA
GZ34	NOS	Refer to 5Y3GT which may substitute for GZ34 in some applications. Please review exact data at tubedata.itchurch website.		
GZ37	NOS	Mullard logo UK. NOS.	OB/GVT	85
GZ37	NOS	Genuine Mullard UK item, but military print, instead of Mullard logo. NOS.	GVT	83.00 20 @ 77.00
GZ37	NOS	Please refer to 25Z6GT for a fantastic low cost alternative, not equivalent with a different heater voltage.		
GZ37	NOS	Please refer to PY32 and PY33 for possible alternative, not equivalent different heater volts etc.	OB/WB	
GZ37 / CV378	GRADE 1	Mullard logo UK. Tested as Grade One. Small stains in the glass, not new appearance, but decent appearance.	G1	77.00 8 @ POA
GZ37 / CV378	USED	Mullard logo UK. Tested/guaranteed. Some have spigot repair, meaning the spigot was broken and replaced with a black plastic piece. The repair is invisible when the valve is in equipment. Some have good spigots but black stains in the glass. All tested & guaranteed.	WB	55.00 8 @ POA
GZ37 / 53KU	GRADE 1	Cossor logo UK. Tested as Grade One. These are used, not new appearance but tested guaranteed good print and decent condition. They are printed 53KU. These are the same shape etc as Mullard GZ37, they are not fat bulbous antique GEC/Cossor made version.	WB	POA
GZ41	NOS	Please refer to 6X4 / GZ41.		
H63	NOS	GEC sticker or Osram logo. NOS, UK. Audio type with many similarities to 6J5G/L63. These are H63 octal base triode, shoulder shape. H63 Tube Data: Vf=6,3V, If=300Ma, Va=250V L63 Tube Data: Vf=6,3V, If=300Ma, Va=250V, Ik50	OB/WB	15
H63	NOS	Please refer to 6F5GT. Audio triode wanted in Asia/USA. RCA, GE, Sylvania and Westinghouse. NOS and logo. Hundreds of 6F5GT in stock.		
HABC80 / 19T8	NOS	USA NOS. Please enquire about bulk prices.	Mostly OB	2.2
HIVAC	NOS	Please refer to CV2213, CV2293, GEC12, GS10 etc.		

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
HL2	NOS	Or equivalents such as AR11, 3A-107B, PM2HL, PM1HF, PM1LF, PM2DX, CV1673, 210HL, 210HF or 201LF. 1 or 2 of each. All UK made NOS. DHT – directly heated triode.	OB/WB	35.00 8 @ 30.00 40 @ POA
HL2	NOS	Or PM2HL or CV1673 or 210HL or 210HF. 5 pieces UK. Test as Grade 1 (Used, good appearance, over 80 percent emission).	OB/WB	25
HL2	NOS	Or PM2HL or CV1673 or 210HL or 210HF. 5 pieces UK. Test as Used (approx 65-75 percent emission)	WB	15
HL2 / HL2K	NOS	These are VT50 GEC straight shape. NOS tested. Made in England. CV1050 VT50 military specification. Long silver anode, foil getter.	WB	45.00 8 @ 35.00
HL4 / HL4G	NOS	Tungfram West European made. ST shape. Some gold metallising, some grey metallising, please advise your preference. NOS. Equivalent to MH4. B5 base Data http://www.r-type.org/exhib/aby0006.htm and http://www.r-type.org/exhib/aac0037.htm	Most OB	37.00 5 @ 33.00
HL13C / HL1320	NOS	STC logo, vintage UK, NOS. HL1320 is a high gain (mu=30), audio triode signal tube with a B7 British base. Sockets to fit from stock refer 7PT4 or 7PT4C. Heater 12.6v @ 0.2a, anode 250v, mutual conductance 3, amplification factor 30. This audio triode is equivalent to CV1670. Tested/guaranteed.	OB	13.00 10 @ 12.00 60 @ 102.00
HL22	NOS	Mazda NOS. UK made. Please enquire for a price.	OB/WB	In stock POA
HI23	NOS	Mazda NOS. UK made. Please enquire for a price.	OB/WB	In stock POA
HL23DD	NOS	GEC & other UK made NOS. A triode double diode. Nice 1940s vintage AR8, HL23DD, CV1306 tubes. Triode has mu (gain) of 25, heater is 2 volts at 50 ma. These valves are new, tested/guaranteed. Some look a bit store soiled. But all look decent. Mazda octal socket to fit these valves, in stock, reference SOC89MC.	GVT	4.00 200 @ 3.00
HL41	NOS	Mazda, UK. Audio triode. Usually available.	OB/WB	12
HL41DD	NOS	Mazda, UK NOS. Audio triode diode.	OB/WB	12
HL210	NOS	Mixed UK brands. NOS. 2 pieces.	OB/WB	35
HL210	NOS	MOV equivalent. NOS UK.		50
HL210	USED	Mixed UK brands. Used, tested. 3 pieces.	OB/WB	35
HL210	USED	MOV equivalent. UK, tested.		20
HLDD1320	NOS	NOS. Double Diode Triode. Data www.tubedata.org	OB/WB	10
IN-4	NOS	Alias 1N4, Russian NOS Nixie tube. These are in original military bulk pack.	WB	
IW4-350	NOS	Brimar, MOV and STC – UK made NOS. Similar to MU14, U14, etc.	OB/WB	15
IW4-350	GRADE 1	Brimar, MOV and STC – UK made NOS. Similar to MU14, U14, etc. Tests as Grade One.	G1	9.5
IW4-500	NOS	Brimar, MOV and STC – UK made NOS. Similar to MU14, U14, etc.	OB/WB	15
IW4-500	GRADE 1	Brimar, MOV and STC – UK made NOS. Similar to MU14, U14, etc. Tests as Grade One.	G1	9.5
K347A	NOS	EEV UK NOS. New, unused, guaranteed. Believed to be 1990s manufacture. An EEV amplifier klystron. Pulse operation 600 Kw output power peak. Tuning range 580-615 MHz. More data from our office on request. Prices negotiable. Government/military box.	GVT	POA 2 @ POA
KR242 / RS242	NOS	These are KR242 KR logo NOS. Very near equivalent to RS242. Made in Czech Republic by KR Audio, UX4 base. We can advise you where to purchase adapters to convert UX4 to B4. Estimated price is 375GBP per tube, please ask for confirmation. Data http://frank.pocnet.net/vademecum4.html	OB	POA
KT2 / VR118	NOS	MOV UK NOS. Shoulder shape. Audio type. Equivalent to PEN220 and PM22. Pdf data: http://www.r-type.org/exhib/aaq0451.htm	OB/WB	15.00 20 @ 12.00
KT8C	NOS	MOV UK NOS.	OB/WB	50
KT8C	USED	MOV UK test as used. Guaranteed.	WB	POA

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
KT33C	NOS	GEC or Marconi UK NOS. Sets of 2 pieces same brand & same appearance. With sticker/logo. Tested/guaranteed. Some similarities to KT66. Data: http://tubedata.philipse.info/ if you have difficulty please contact our office.	OB/WB	16.00 4 @ 14.00 20 @ 12.00
KT33C	NOS	GEC / Marconi UK NOS. With sticker/logo. Tested/guaranteed. Singles, not sets of 2 pieces of the same appearance.	OB/WB	12.00 4 @ 10.00 20 @ 8.00
KT33C	GRADE 1	GEC / Marconi UK. Test as G1. Look decent, do not look new. With sticker/logo. Guaranteed. Sets of 2 or 4 pieces of the same appearance.	G1	12.00 4 @ 9.00
KT33C	GRADE 1	GEC / Marconi UK. Test as G1. Look decent, do not look new. With sticker/logo, guaranteed. Singles. Not sets of 2 pieces of the same appearance. Data in NOS KT33C section above.	G1	12.00 4 @ 10.00
KT36	NOS	GEC / Marconi / MOV, UK NOS. With sticker/logo. Tested/guaranteed. Possible audio type.	OB/WB	9.00 40 @ 7.00
KT41	NOS	MOV. UK made. NOS. Please enquire for price. Equivalents: AC2-PEN, APP4B, PEN4A, PT4.	OB/WB	16.00 8 @ 14.00 100 @ 12.00p25
KT41	USED	MOV. Used and Tested. Please enquire for price.	WB	8
KT44	NOS	MOV / Marconi UK manufacture, audio pentode, with some similarities to KT66, KT88.	Most GB	30.00 4 @ 27.00
KT44		11E3/CV73 is equivalent to PEN46 and KT44. All the above are 4v heater, B7 base and anode top cap. They are all similar to KT66 but KT66 is 6v heater, octal base.	GVT	POA
KT44	USED	Tested guaranteed. 2 GEC sticker. 2 MOV logo. 2 Marconi sticker. 2 black anode, 2 grey anode. UK made, audio pentode. Partly similar to KT66.	WB	12.00 10 @ 9.50
KT45	USED	MOV UK. Used, tested. 8 pieces. Enquire about NOS.	WB	10.00 8 @ 8.00
KT45	NOS	MOV UK NOS tested. 4 pieces.	OB/WB	20
KT61	NOS	GEC/MOV, usually available. NOS.	OB/WB	60.00 2 @ 50.00
KT61	USED	GEC/MOV.	WB	30
KT61	NOS	Please refer to 6P25 , which you could consider as a near equivalent. Free data available showing small difference		
KT63	NOS	GEC, MOV, Marconi sticker UK NOS. Octal audio pentode. Sets of 2 pieces identical. Data www.tubedata.org Photo http://www.r-type.org/exhib/aad0239.htm	OB/GB	45.00 6 @ POA
KT63	NOS	GEC, MOV, Marconi sticker UK NOS. Audio pentode. Singles not sets of 2 pieces, identical appearance.	OB/WB	35.00 8 @ 32.00
KT63	USED	Tested guaranteed. 2 MOV, 2 Osram, 2 GEC. All UK made and in sets of 2 same appearance.	WB	22.00
KT66		KT66 refer to KT44 similar tube.		
KT66	NOS	BILLINGTON GOLD Chinese manufacture. Big glass size like GEC. New guaranteed. Limited quantities.	OB	26.00 10 @ 22.50
KT66	NOS	BILLINGTON GOLD logo Chinese manufacture. Straight sides GT shape. New, tested, guaranteed.	OB	16.00 8 @ 14.00
KT66	NOS	Chinese GEC style or GEC replica. Size and appearance is very similar to the UK GEC item. Tested/guaranteed.	BP	21.00 10 @ 20.00 20 @ 17.50
KT66	NOS	GEC, please refer to KT33C for possible alternative, not equivalent.		
KT66	NOS	GEC, Osram or Marconi. UK NOS. Antique large shoulder shape. Some are printed VT75. 2 pieces are not the same appearance.	OB/WB	260.00
KT66	NOS	Marconi or Osram, with logo or sticker, UK NOS. Straight shape. Few only.	OB	190.00
KT66	NOS	GEC sticker, UK NOS. Straight shape. Clear glass, brown base, test at 100 percent emission NOS.	OB	190.00
KT66	NOS	JJ logo by Tesla, if available, approx GBP50.00 wholesale.	OB	POA
KT66	NOS	Mullard UK NOS. Printed CV1075 KB/T. Mullard made these in UK for Tungfram. Estimated 1950s made. Shoulder shape. 3 pieces look the same.	WB	100.00 3 @ 80.00
KT66	NOS	Original Marshall Gold label tubes. Chinese made. Size/design similar to vintage UK GEC KT66. New & computer tested by Marshall. Match pairs maybe available.	WB	25.00 4 @ 24.50

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
KT66	USED	GEC, Osram or Marconi. UK used tested. Antique large shoulder shape. Some are printed VT75, 2 pieces of the same appearance. Test around 65 percent emission, good appearance but not new appearance		160.00
KT66	GRADE 1	GEC, Osram or Marconi. UK NOS. Antique large shoulder shape. Some are printed VT75, 2 pieces of the same appearance. Test around 80 percent emission, good appearance but not new appearance.	G1 box	250.00
KT66	GRADE 1	GEC UK. Antique shoulder shape. Grade 1 (around 80 percent emission). Usually available at GBP200 wholesale.	G1	POA
KT66	GRADE 1	GEC sticker, UK Grade One. Straight shape (around 80 percent emission). Usually available at GBP120 wholesale.	G1	POA
KT66	GRADE 1	GEC sticker, UK. Straight shape. Test as Grade 1 (around 80 percent emission). Clear glass, brown base. Good appearance, but not new appearance.	WB	120.00
KT66	USED	GEC sticker. UK NOS. GT shape. 2 clear glass, 2 grey glass, 2 black base, 2 brown base. All in set of 2 pieces of the same appearance. Test at least 65 percent emission. Don't look new but look decent with good GEC print. Guaranteed.	OB/WB	90.00
KT66	NOS	Use 5881 or 6L6GC/WGC which are very similar.		
KT66 / 5A-102D	NOS	These are 5A-102D STC logo. UK NOS. Similar to KT66 but lower gm and 7.5v heater. Data: http://tubedata.philipse.info/ if you have difficulty please contact our office.	GB logo	28.00 6 @ 20.00
KT66/ 5A-102D	GRADE 1	These are 5A-102D STC logo. UK. Test as Grade 1. Data in 5A-102D NOS section.	G1	20.00 10 @ 15.00
KT71	NOS	Marconi KT71 (50L6G) audio beam tetrode. Marconi / Osram with logo. UK NOS. Similarities to KT66 but has 50V heater.	OB/WB	19.00 5 @ 17.00
KT74	NOS	Osram with logo. UK NOS. Similarities to KT66 but has 15V heater. Vade mecum. Data http://frank.pocnet.net/vademecum3.html	OB	20.00 20 @ 15.00
KT77	NOS	JJ recent Slovakian made. New.	OB/WB	16.00 2 @ 15.00
KT77	NOS	GEC sticker. NOS. Tested perfect.	OB	300.00 2 @ 280.00 4 @ POA
KT77	NOS	GEC sticker. NOS. Tests slightly less than perfect NOS, but is still a NOS tube. Guaranteed. 1 only. Perfect item would be GBP300.	OB	240
KT77	NOS	GEC sticker, unused. Look nearly new but test at approx 70 percent emission.	WB	150.00 4 @ 130.00
KT77	NOS	Gold Lion logo, 2018 Russian made. New, tested. 3 match pairs. The price shown is for one tube red/gold.	OB	60.00 2 @ 55.00
KT77	NOS	Gold Lion logo, 2018 Russian made. New, tested. Not a match pair, red/gold.	OB	50.00 2 @ 45.00
KT81	NOS	GEC, Marconi & Osram. Equivalent to 7C5. UK NOS. Near equivalent to 6V6GT but different base. 7C5 is loctal base.	OB/WB	20
KT81	USED	GEC, Marconi & Osram. Equivalent to 7C5. Near equivalent to 6V6GT but different base, UK. Used & tested.	WB	10
KT88	NOS	BILLINGTON GOLD logo. Chinese. New improved design. Top quality, highly recommended. Tested, with guarantee.	OB	40
KT88	NOS	Chinese Golden Gate brand (GG). New & unused. Good audio dynamics. Cost effective power tubes for your amplifier. We offer these at a discount, as the glass bulbs are slightly off centre, some have glass rattles. This does not affect the operation of the tube. Tested & guaranteed.	WB	16
KT88	NOS	Chinese. New, tested/guaranteed. Attractive appearance, shiny chrome base. Reference KT88-98. Some people refer to this as "GEC style".	WB	30
KT88	NOS	GEC UK NOS. Not sets of 2 pieces identical appearance. The wafer & anode colour vary. Brown wafer, black wafer, grey anode, black anode. Electrical matched pair.	OB	350.00 4 @ 300.00
KT88	NOS	GEC, UK. NOS. Sets of 2 pieces identical appearance.	OB	400.00 4 @ 350.00

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
KT88	NOS	JJ logo new tested, guaranteed. Recent Slovakian made. Match pairs possible for a small fee.	OB	50.00 30 @ 47.50 50 @ 40.00
KT88	NOS	Psvane Chinese. New, tested/guaranteed. Attractive appearance. More available, please enquire.	OB/WB	34.00 20 @ 33.00 100 @ POA
KT88	NOS	Svetlana Russia "S" logo. 4 pieces. (For information only, Svetlana C logo. Not made since 2010).	OB/WB	32
KT88	NOS	In 1995 our agent built an amplifier using S11E12 as a near equivalent to KT88. Circuit diagram and information about amplifier is available free.		
KT88	NOS	Please refer to S11E12 STC, which is similar, but not the same. Specialist electronic modifications would be necessary to change circuit board.		
KT88 PEN46	NOS	Please refer to 11E3 for similar audio pentode, not exact equivalent.		
KT88	USED	GEC sticker UK made. Used clean tested. Getter may be partly brown colour.	OB/WB	175.00 2 @ 160.00
KT88	USED	GEC sticker UK made. Used clean tested. Black anode. Fully Tested (Avo VCM163 tester). Book Specification for 100 percent new would be: anode current 57mA, emission 8 MA/V. Tube 1 is 50mA, 6.6 MA/V Tube 2 is 54mA, 6.7 MA/V With original GEC box.	OB	200.00 4 @ POA
KT88	GRADE 1	GEC UK with GEC sticker. Tests near new, looks decent, doesn't look new. Choose: - Sets of 2 pieces same appearance but not electrical match pair, or - 2 pieces electrical match pair, but not the same appearance.	G1	270.00 2 @ 250.00 4 @ 225.00
KT88	GRADE 1	GEC UK with GEC sticker. Tests as NOS. Only run for a few hours, looks almost new except for a scratch in the base where it was plugged in. Photo available immediately, just email us. 4 pieces same appearance.	G1	280.00 4 @ 260.00
KT88 / KT150	NOS	Tung-Sol USSR made. Balloon shape. These KT150 plug in to replace KT88. They are new, tested, guaranteed with logo. The manufacturer says "These are the ultimate octal beam tetrode, with 70W plate dissipation. Most powerful tube in the 6550/KT88 family, developed to improve thermal dissipation and maintain a superior vacuum for the best sound. Impervious to overload when used at parameters found in existing 6550/KT88/KT90/ circuits." 8 only in stock. Colourful OB.	OB	99.00 8 @ 90.00
KT90	NOS	Electro Harmonix logo, Russian. NOS. Tested, guaranteed.	OB	30.00 4 @ 28.00
KT90	NOS	EI, Yugoslavia. NOS. Very rare. Manufacture ceased 10, possibly 20 years ago. Guide price GBP40 wholesale.	WB	POA
KT90	USED	Used real EI 1990s made, EI logo. Used tested, not new appearance but guaranteed.	WB	30
KT99	NOS	Equivalent to KT90 , KT100 and KT88		
KT101 / KT66	NOS	These are KT101 MOV UK NOS with logo. A loctal base audio output beam tetrode, with similarities to KT66, but 80v heater. These KT101 can be "strapped" as a triode. With a load of 3k and a cathode resistor or 180 Ω, KT101 would generate 3.8W at 12 percent distortion. Data etc www.r-type.org/exhib/aay0030.htm	OB/WB	20.00 30 @ 16.00
KT120	NOS	Tung-Sol, Russian. New. Tested, guaranteed.	OB	45.00 4 @ 38.00
KT150	NOS	Refer to KT88/ KT150.	OB	POA
KTW61	NOS	GT straight shape. GEC/ MOV UK NOS. Sets of 10 or more of the same appearance. MOV includes GEC, MWT Marconi. All UK made. Data/photo http://www.r-type.org/exhib/aaa0503.htm	Most GB	7.00 10 @ 6.00 50 @ 5.00 100 @ POA
KTW61	NOS	ST Shoulder shape. NOS. Sets of 10 or more of the same appearance. MOV includes GEC, MWT Marconi. All UK made. Data/photo http://www.r-type.org/exhib/aaa0503.htm	Most GB	12.00 8 @ 10.00 100 @ 8.00
KTW62		Please refer to KTW61 equivalent.		
KTW63	NOS	GEC / MOV UK NOS. With logo. Sets of 4 pieces same brand / same appearance. Data/photo http://www.r-type.org/exhib/aaa0114.htm	GBox	19.00 8 @ 17.50 More @ POA
KTW63	NOS	GEC / MOV / Marconi, UK NOS. ST shoulder shape. A variable Mu octal pentode for audio compressors.	OB/WB	12.00 8 @ 11.00
KTW63	GRADE 1	GEC, Grade One.	G1	8
KTW63	USED	Mostly GEC, Used.	WB	8

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KTW63 / 6K7G	NOS	Wrongly printed KTW63 GEC. These are USA made 6K7G. All NOS. ST Shape. A variable Mu octal pentode for audio compressors.	GVT	10 @ 5.00 30 @ 4.00
KTZ41	NOS	UK, NOS. GEC sticker. 40 x GT straight shape CV1698. 20 x MOV, shoulder shape. Audio pentode. Data: find link and pdf www.r-type.org/exhib/aaa1390.htm	Mostly GB	8.00 40 @ 7.00 60 @ 6.00
KTZ73	NOS	CV1343 GEC, UK NOS. An octal pentode with some similarities to EF86.	WB	10.00 100 @ 8.00
L63	NOS	Or 6J5G UK NOS. GEC, Marconi or Osram with sticker. Grey glass, shoulder shape. Several in stock.	WB	110
L63	NOS	GEC sticker, UK NOS. Straight sides, clear glass. Guaranteed and identical.	GVT	40
L63	NOS	MOV UK NOS. Metal base or dark glass. Straight sides.	OB/WB	55
L63	GRADE 1	GEC sticker, UK. Straight sides, Grade One. When available.	G1	POA
L63	GRADE 1	UK made. GEC sticker. 2 pieces the same appearance/same brand. Grey glass, shouldered shape. Test as grade 1.	G1	75
L63	USED	UK made MOV. Straight shape, used and tested. When available.	WB	POA
L63	USED	UK made GEC sticker. Shoulder shape, used, tested 65-75 percent emission approximately, guarantee.	GVT	50
L63	NOS	Please refer to 6J5G/T - ten times cheaper!		
L210	NOS	MOV UK NOS. Balloon shape, double triode, equivalent to 210LF and VR21.	WB	28
L5261	NOS	USA NOS. Litton made. Good quantities in stock. Please enquire.	Most OB	POA
L-5271	NOS	USA NOS. Litton made. Good quantities in stock. Please enquire.	Most OB	POA
L-5272	NOS	USA NOS. Litton made. Good quantities in stock. Please enquire.	Most OB	POA
LK4112	NOS	Data http://tubebbs.com/tubedata/short/054/1/111.pdf When available.	OB/WB	POA
LM120K-15	NOS	T03 package, a linear regulator. Printed with an in-house part number 1125-00765 40 2. NOS in sealed MOD packaging but slightly store soiled. Unused and guaranteed.	GB	8.00 50 @ 5.00
LP2	USED	UK. Used, tested. Like VR22.	WB	10
LP220	NOS	Tungram logo UK made. NOS, tested. Like VR22.	OB	20
LS7	NOS	GEC sticker, NOS. Shoulder shape. Data: Vf=4.0V, If=150Ma, Va=150V, Ik=21Ma, S=2.4Ma/V.	GVT	32.00 5 @ 25.00 50 @ 23.00
LS7B	NOS	UK made Marconi sticker. Audio triode. Balloon shape. NOS, tested with guarantee.	OB	POA
LS8A	NOS	GEC VT82 UK NOS. Balloon shape GBP70, shoulder shape GBP50. 2 or 3 of each shape.	OB/WB	70
LS9B	NOS	GEC VT80A UK NOS. Balloon shape GBP70, shoulder shape GBP50.v1 or 2 of each shape.	OB/WB	70
M503A	NOS	These are CV3997 Magnetron. CV3997 is equivalent or near equivalent to M503A 2J42 JP9-15 MG5244. NOS probably. Might be 40 or 60 years old but NOS UNUSED. Clean condition in sealed Gov't box. EEV UK NOS. (X-BAND). Data https://frank.pocnet.net/other/EEV/Magnetrons_1970.pdf	GB	95.00 6 @ 75.00
M566R	NOS	CV8097 EEV UK NOS. (S-BAND PULSE). Data https://frank.pocnet.net/other/EEV/Magnetrons_1970.pdf or www.r-type.org/static/webcv03.htm , or email us.	GB	300
M569W	NOS	EEV UK [CV8001] Guaranteed. Offers invited.	GVT	800
M591B	NOS	EEV UK NOS. Guaranteed. Offers invited.	GVT	350.00 18 @ 300.00
M5028	NOS	EEV UK. NOS. 2 or 3 pieces 1990s manufacture. Unused. Open to offers. You would need to test these items we cannot test them here.		POA
M5055	NOS	EEV UK. NOS. New / NOS. Guaranteed 6 months from date of dispatch.	OB/WB	POA
M5125 / M5125P	NOS	EEV UK. Similar to M5125. Enquire for data. 1990's made. 12 months guarantee.		2,000.00 5 @ 1,600.00
M8100	NOS	Equivalent to CV4010 .		
M8136	NOS	Equivalent to CV4003/ECC82 .		
M8136	NOS	Please refer to CV4034 Brimar and Mullard flying lead version. Bargain prices!		

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M8137	NOS	Equivalent to CV4004/ECC83.		
M8162	NOS	Equivalent to CV4024/ECC81.		
M8167	NOS	Mullard equivalent to M8167 = CV471 = EL70. Potential audio type. Data available free on request or try www.tubedata.info	GVT	2.30 10 @ 2.00 50 @ 1.70 500 @ 1.50
M8212	NOS	Equivalent to CV4025.		
Magic Eyes	NOS	We have good stock of magic eye tubes (tuning indicators) eg, TV4, 6X6 and many others. Most are West European made. NOS. Tested & guaranteed. Also see other entries in this catalogue by searching "magic". Competitive prices, please enquire, examples of our stock: 4687, EM80, EM87, EM71, EM85, Y61 Osram, Y63, ME41, PM84, EMM803, 6U5, EM81, Y63, Y65, 6E5, EM34, UM34, UM4, UM80, EM84.	OB/WB	POA
ME1401	NOS	Mullard, UK NOS. CV2269. Sub miniature triode. 25V DC anode, heater is 13ma at 1.25 volts. Use battery supply.	OB/WB	6
ME1403 / 5886 / CV2348	NOS	Raytheon USA NOS or other USA brands. Electrometer triode. Data/photos http://www.r-type.org/exhib/aaa0747.htm	OB/WB	4.50 5 @ 3.20 30 @ 3.00
MH4	NOS	UK NOS. Balloon shape. 4 pieces look the same.	WB	65.00 4 @ 60.00 24 @ 52.50
MH4	NOS	UK NOS. Shoulder shape.	OB/WB	52.00
MH4	NOS	UK NOS. These are CV1173 or 354V, near equivalent to MH4. Would plug in to replace MH4. Shoulder shape. Gold metallising. NOS but store soiled appearance.	WB	37.00 5 @ 33.00
MH4	GRADE 1	UK NOS. Balloon shape. We should have 20 pieces of the same appearance. Test as Grade One.G1.	WB	38.00 4 @ 36.00 20 @ POA
MH4	USED	UK. Shoulder shape. Test as used.	OB/WB	25.00
MH4 / AC2-HL	NOS	UK, NOS. These are AC2-HL (near equivalent to MH4).	OB/WB	27.50
MH4 / HLA2	NOS	UK, NOS. These are AC2-HL (near equivalent to MH4).	OB/WB	27.50
MH4 / HL4	NOS	These are HL4 Tungfram West European made. Grey ST shape version NOS. Equivalent to MH4. Data http://www.r-type.org/exhib/aby0006.htm And http://www.r-type.org/exhib/aac0037.htm	OB	37.00 5 @ 33.00
MH41	NOS	Marconi and GEC, UK NOS. ST shape.	OB/WB	28.00
MH41	GRADE 1	West Europe. Tested as Grade One.	G1	18.00
MH4 / 41MTL	GRADE 1	These are 41MTL. They are equivalent to MH4. KK Grade One.	G1	32.00
MHL4	NOS	UK NOS. Straight shape.	OB/WB	37.5
MHL4	GRADE 1	UK. Shoulder shape. Tests as Grade One.	G1	25.00 8 @ 20.00
MH41	USED	Marconi and GEC, UK. Used, tested. ST shape.	OB/WB	14.00
MH41 41MH	NOS	Marconi and GEC, UK NOS. Balloon shape.	OB/WB	110.00
MHLD6	NOS	UK NOS with logo. Shouldered ST shape. MOV, MWT, Marconi, STC. MHLD6 are similar to L63, but MHLD6 has top cap/anode cap. Data on request.	OB/WB	17.50 4 @ 16.00 10 @ 14.00 20 @ 13.00
MKT4	NOS	MOV UK NOS. Shouldered shape. Please specify 5 pin or 7 pin version, both same prices. Audio pentode. Data http://www.r-type.org . Equivalent to AC/PEN. 10 pieces, not all are same appearance.	OB/WB	15.00 10 @ 12.50
MKT4	USED	MOV UK. Used and tested. Shouldered shape. Please specify 5 pin or 7 pin version, both same prices. Audio pentode. Equivalent to AC/PEN. 10 pieces, not all are same appearance.	OB/WB	7.50 10 @ 6.00
ML4	NOS	GEC UK made. NOS, tested. Shouldered shape. Grey glass, black anode, solid getter. 5 pin base. Audio pentode.	GBOX	40.00 10 @ 35.00
ML4	NOS	UK. NOS balloon shape. When available	OB/WB	80
ML4	NOS	MOV UK made NOS. Shoulder shape.	OB/WB	40
ML4	GRADE 1	Marconi logo or GEC sticker. Tests as Grade 1.	G1	22.00 4 @ 20.00
ML4 / DL	NOS	GEC logo, UK. NOS balloon shape. This is valve type DL. It is a 16 volt heater, equivalent to ML4. The same as ML4, except for heater voltage.	OB	20
ML6	NOS	GEC sticker, UK NOS. White ceramic base. Sets of 2 pieces same appearance.	GB	55.00 4 @ 48.00 8 @ 46.00
ML6	GRADE 1	GEC test as Grade 1. When available.	G1	37
ML6	USED	GEC test as Used. When available.	WB	25
ML-8533	NOS	Matchlet and other USA.	OB/WB	POA

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ML-8536	NOS	Matchlet and other USA.	OB/WB	POA
MPT4	NOS	MOV. UK made. New and Used. All tested. Please enquire for price.	OB/WB	In stock POA
MS-PEN	NOS	MOV or Cossor, UK. NOS. With logo or sticker. Includes equivalents CV1674, MSP4, SP4B. Data on request.	OB/WB	20.00 4 @ 15.00 50 @ 12.00
MS4B	NOS	Mixed brands but all MOV UK made, eg Marconi, Osram, GEC etc.	OB/WB	17.50 10 @ 14.00
MU14	NOS	GEC UK NOS. Audio rectifier. Most are the rare tall shape. Solid disc getter otherwise known as pan getter or cup getter.	WB	25.00 4 @ 24.00
MU14	NOS	Brimar logo, UK NOS. Mixed appearance, some shorter, some taller, some black anode, some grey anode. Some brown base, some black base, etc. They will be sets of 2 or 4 pieces the same appearance.	OB/WB	17.00 4 @ 14.00 16 @ 13.00 50 POA
MU14	NOS	Mullard logo, UK NOS. Mixed appearance, some shorter, some taller, some black anode, some grey anode. Some brown base, some black base, etc. They will be set of 2 or 4 pieces the same appearance.	OB/WB	17.00 4 @ 15.00 8 @ 13.00
MU14	GRADE 1	Mullard / STC / Brimar with logo. Test as Grade One. Mixed appearance.	G1	9.50 20 @ 8.00
MU14	USED	Brimar, Mullard or other UK made. Used, tested, working & guaranteed. Mixed appearance, some shorter, some taller, some black anode, some grey anode. Some brown base, some black base, etc. May include these equivalents: DW4-350, DW4-500, R2, R3, MU12, 1561. Tungsram APV4, U12, U14.	WB	8.00 15 @ 6.00
MX188	NOS	Refer to ZP1550		
MZ2-200	NOS	Mullard logo UK. 1 piece NOS. It will be tested at low power to ensure it tests as good. Guaranteed 12 months from despatch date. If they do not suit you, return them for a refund without delay or argument. This 1 piece NOS plus 1 piece below makes 2 of the same appearance. Similar to or equivalent to 4212E. Make a 1000 watt audio amplifier here http://www.r-type.org/articles/art-005.htm Data/photo http://www.r-type.org/exhib/aaa0529.htm Socket to fit on request. The tube is over 12 inches/30cm tall. It is difficult to price this very rare item, so sensible offers will be considered.	In a crate	2500
MZ2-200	USED	Mullard logo UK. 1 piece USED. It will be tested at low power to ensure it tests as good. Guaranteed 12 months from despatch date. If they don't suit you, return them for a refund without delay or argument. This 1 piece USED plus 1 piece new, above, makes 2 of the same appearance. It is difficult to price this very rare item, so sensible offers considered.	WB	1250
N1034A	NOS	EEV UK NOS. CV2381. A backward wave oscillator (a microwave device). Data on request. 9 pieces. Near offers considered	GTV	500.00 9 @ 400.00
N16	NOS	Osram UK NOS. An octal audio output pentode. Equivalent to 3Q5GT. Data/photo www.r-type.org/exhib/aaa1094.htm	OB/WB	20.00 30 @ 16.00
N17	NOS	UK NOS in stock.	Mostly GVT	POA
N37	NOS	GEC/MOV UK. UK audio pentode.		7.00 50 @ POA
N43 / CV1675 / VT107	NOS	GEC UK NOS. Military spec, made for UK-GPO. Audio output pentode. 1940s genuine British made. Tested/guaranteed. Fits B7 socket not B7G. Sockets and caps to fit from stock.	WB	10 @ 16.00 50 @ 13.00
N43 / CV1675	USED	GEC UK. Audio pentode / pulse amplifier tetrode. Nice 1940s vintage genuine British made. Used, clean, tested/guaranteed. Data and info re socket above.	OB/WB	5
N78	NOS	GEC/Marconi - UK. Some similarities to EL84 but a different base. Data/photo http://www.r-type.org/exhib/aaa0341.htm	OB/ GVT	7.5
N78	USED	GEC sticker - UK. Used tested. Some similarities to EL84 but a different base. Data/photo http://www.r-type.org/exhib/aaa0341.htm	BP	4.5

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N78 / CV4062	NOS	GEC UK NOS. Audio pentode partly similar to EL84. These are CV4062 equivalent to N78. NOS clean and uniform appearance. Photo/data http://www.r-type.org/exhib/aa10335.htm Flexible price for orders over 50 pieces.	GBox	9.00 30 @ 7.00 500 @ 5.00
N709 (EL84)	NOS	GEC sticker - UK NOS. Square getter plate. 3 pieces. Equivalent to EL84. Near offers possible. Data/photo http://www.r-type.org/exhib/aaa0609.htm	GVT	200.00 3 @ 175.00
N10028	USED	EEV T.W.T. Used but working and clean.	OB/WB	POA
Nixie	NOS	We should have 5 or 15 pieces of each of the following: 6476A, A101, IN-4 USSR, ZM1000, ZM1021. Please enquire for price/availability.		POA
Nixie	NOS	Nixies and Dekatrons. We should have 5 or 15 pieces of the following: Z520M, IN-4 USSR, ZM1022, ZM1100, OG-4, Z303C, VS10G, GC10B, GC10-4B, GR10A/Z503M, GS10D, GD150A. Please refer to catalogue or contact our office for price/availability.	OB/WB	POA
NJC3901B	NOS	JRC Japan. New, with guarantee.	GVT	90
NKT401A	NOS	UK or USA made NOS transistor.		12.00 4 @ 10.00 50 @ POA
NL5870L	NOS	Nixie tube, National brand. NOS Nixie tube & other nixes. Crt. Dekatrons etc, please enquire.	OB/WB	32.00 4 @ 30.00
NSP1	NOS	UK NOS in stock. Strobotron' neon discharge tube. 20 pieces.	OB/WB	5.50 20 @ 5.00
NSP2	NOS	UK NOS in stock. Strobotron' neon discharge tube. 20 pieces. Data/photo http://www.r-type.org/exhib/aaa1253.htm	OB/WB	5.50 20 @ 5.00
NT2	NOS	Hivac CV2213/NT2. This voltage regulator/stabiliser might suit audio applications. NOS clean and guaranteed.	GVT	4.00 200 @ 2.50
OA2	NOS	Mullard, UK. NOS.	GB/OB	8.00 50 @ 7.00 100 @ 6.25 200 @ 6.00
OA2	NOS	RFT / Zaerix / WF brands, made in East Germany or Russia. NOS.	WB/OB	3.00 200 @ 2.40
OA2	NOS	USA NOS. 6 or 7 brands. Including STC, RCA, Raytheon, Sylvania, Westinghouse, others. Print varies, some print is missing, some has good print. NOS & guaranteed.	Plain WB	3.50 100 @ 2.50
OA2	NOS	USA NOS. 50 or 100 of GE, RCA, Sylvania, Westinghouse & other USA.	OB/WB	5.00 400 @ POA
OA2	USED	Audio stabiliser tube. MIXED brands USA made. Used, tested. Fantastic low price! Some might be NOS, but these are sold at cheap used price. At this price, we cannot sort brands, constructions or other special requests. Guarantee is limited to "all or none". This is reflected in the price. A useful, audio tube at fantastic cheap price.	Old WB	1.50 10 @ 1.20 300 @ 1.00
OA2WA	NOS	EEV UK NOS. Equivalent to 150C4.	OB	8.00 40 @ 7.00
OA2WA	NOS	Sylvania logo, USA. NOS.	Most OB	3.50 50 @ 2.80
OA2 / 150C4	NOS	These are 150C4, equivalent to OA2. 20 x EEV UK NOS & 20 x Mullard UK NOS.	OB	8.00 20 @ 7.00 40 @ 6.50
OA3	NOS	RCA USA NOS, incl a few STC, Raytheon and Brimar at the same price. Audio type.	GB	5.00 6 @ 3.50 200 @ 3.00
OA74	NOS	Equivalent to GEX44. Believed to be Mullard UK made. NOS. Suitable for guitar fuzz boxes etc. OA74 is a UK made vintage germanium diode, equivalent or near equivalent to 1N618, OA70, OA79, OA95, AA119. These are GEC UK made (or Mullard UK). Sealed military packaging, labelled CV425.	OB	1.00 500 @ 0.75
OA74	NOS	CV425 GEX44. USA or UK made. NOS. semiconductor diode.	OB/WB	0.70 500 @ 0.55
OA74 / CV425	NOS	Semi-conductor made in UK/USA in stock. Equivalent to OA74, UK NOS transistor.	OB/WB	3.00 500 @ 2.00
OA81 alias OA81	NOS	OA81 alias OA81. Mullard UK new / NOS. Germanium diode.	OB/WB	1.00 20 @ 0.80 1,500 @ 0.60
OB2	NOS	EEV, Mullard, UK NOS. Please enquire.	GB/OB	POA
OB2	NOS	Hytron logo USA. NOS. Guaranteed. Stabiliser tube, useful for audio.	GB	4.25 100 @ 3.40
OB2	NOS	RFT Made in East Germany.	OB/WB	4.00 50 @ 3.20
OB2	NOS	UK NOS. EEV, Mullard.	OB/WB	7

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OB2	NOS	West European made. 200 of each brand Cifte / Mazda / French Philips. NOS. Guaranteed. Stabiliser tube, useful for audio.	GB	8.50 100 @ 7.00
OB2	USED	Chinese/Russian. Used, untested but guaranteed. These are egg crate bulk pack.	BP	1.50 100 @ 1.20
OB2WA	NOS	EEV UK NOS. A few might exist, please enquire.		POA
OB2WA	NOS	RCA logo USA NOS. The government boxes printed JRC, which we believe is "JAN". Guaranteed. Stabiliser tube, useful for audio.	GB	4.80 100 @ 4.00
5644	NOS	5644 Raytheon from the USA military. NOS are partly similar to OB2. Potential audio type. USA made. A wire leaded sub-miniature gas regulator tube that regulates from 5 to 25 Ma at 90 volts DC. A long lasting good quality voltage regulator.	OB	3.50 5 @ 2.67 100 @ 2.00 500 @ 1.80 2,000 @ 1.20
OB2 / 5644	NOS	5644 Raytheon from the USA military. NOS are partly similar to OB2. Potential audio type. USA made. A wire leaded sub-miniature gas regulator tube that regulates from 5 to 25 Ma at 90 volts DC. A long lasting good quality voltage regulator.	OB	3.50 5 @ 2.67 100 @ 2.00 500 @ 1.80 2,000 @ 1.20
OC3	NOS	Please refer to VR105-30 for pricing.		
OC23 / CV7054	NOS	Germanium power transistor. Military spec and UK made. Mica and plastic mounting washes included. NOS, unused and 1 piece per original box. Suitable for guitar fuzz boxes etc.	OB	5.00 5 @ 3.34 100 @ 3.20 500 @ POA
OC2	NOS	Made in West Europe or USA NOS. We have good quantities in stock. Please enquire.	Most OB	POA
OC29	NOS	Believed to be Mullard UK made. Transistor NOS. Suitable for guitar fuzz boxes etc. Germanium transistor.	OB	3.00 100 @ 2.00
OC35 / CV5328	NOS	Germanium power transistor. Military spec and UK made. Mica and plastic mounting washes included. These come as matched pairs so the price is for 2 pieces of OC35 or 1 pair. New, unused and original box. Suitable for guitar fuzz boxes etc.	OB	Per Pair 7.50 30 @ 5.00 100 @ 4.50
OC36	USED	Germanium power transistor. Mullard UK made. Used but long lead and guaranteed.	WB	1.50 10 @ 1.20
OC45	NOS	Transistor. USA or UK made. NOS. black construction.	WB	1.5
OC71	NOS	Made by Mullard UK but not printed Mullard. Mullard codes on these germanium transistor. NOS. Suits guitar fuzz boxes.	OB	3.60 20 @ POA
OC75	NOS	Black glass germanium power transistor. Military spec and most are Mullard UK made. 1960s made. New, unused guaranteed.	OB/WB	16.60 30 @ 14.60
OD3 / VR150-30	NOS	NOS with logo. Suits audio amps by Bottlehead Foreplay, Smash and Manley, gas discharge tube/voltage regulator. For prices please see VR150 entry.	OB	
OD3 / VR150-30	NOS	Visseaux logo, French made NOS.	GVT	7.50
OD3 / VR150-30	USED	Made in USA. Most Marconi or Westinghouse. Audio type. Used, tested/guaranteed. Deduct 0.25 GBP if you accept without a white box.	WB	2.30 10 @ 1.80 150 @ 1.50
OD3 / VR150-30	NOS	Equivalent to OD3. USA NOS Westinghouse, Marconi, GE & other USA made brands.	OB	6.00 50 @ 5.00 100 @ POA
OG-4	NOS	NOS. USSR Dekatron or similar. 10 in stock.	OB/WB	4.00 10 @ 3.00
OQSQ5 / 1500	NOS	Tungsrn, Hungary. Audio triode. NOS. Seen in audio amplifiers in recent years. Data: Vf = 7.5V, If = 3000Ma, Va = 1500V, Pa = 50W, S = 2.2Ma/V. More data on request.	OB	70
ORP12	NOS	Mullard, UK / Holland with logo. ORP11 is similar to orp12 but not the same. Morgan Jones in his book Valve Amplifiers employed this light sensitive resistor as an audio volume control. Optical device, data/photo for ORP11 at http://www.r-type.org/exhib/aad0275.htm More data from our office black binders.	OB	3.00 10 @ 2.40 200 @ 1.00
OZ4	NOS	UK/USA NOS. 6 or 7 brands including STC, RCA, Raytheon, Sylvania, Westinghouse, Haltron & others. NOS & guaranteed. Data http://www.r-type.org/exhib/aaq0314.htm	Most OB	5.00 30 @ 4.00
P2	USED	West European. Used tested/guaranteed. When available.	WB	10
LP2	NOS	GEC UK NOS. Equivalent to CV1166. Straight shape.	GB	19.75 4 @ 19.00

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P2	NOS	MOV UK NOS. Equivalent to CV1020 PM2 VT20. Shoulder shape.	OB/WB	25
P61	NOS	UK NOS. Mazda, STC, etc.	OB/WB	10.00 25 @ 6.00
P220	NOS	Equivalent to LP2 and CV1166. GEC sticker UK NOS. Straight shape 10 identical pieces. Data/photo http://www.tubecollector.org/cv1166.htm	GVT	20.00 10 @ 19.00
P220	NOS	GEC logo, UK NOS GT shape like VR22.	Most GB	20
P410	NOS	UK made. Balloon shape MOV. Please enquire for a price.	OB/WB	In stock POA
P615	NOS	Tungsram. NOS. Audio triode. When available.	OB	100
P625	NOS	or equivalent UK NOS, such as PM256, NT20, CV1208, shoulder shape. Please ask re quantity.	OB/WB	75
P625	NOS	Balloon shape. UK NOS. Please ask re quantity.	WB	250
P8211	NOS	UK NOS, 6 month guarantee.	OB/WB	400
P8212	NOS	UK NOS, 6 month guarantee.	OB/WB	500
PABC80	NOS	RFT German (equivalent 9T8) NOS & guaranteed. Deduct 25p if you accept bulk pack/ egg crate instead of white box. Would suit audio amplifier. We should have a large quantity in stock so please enquire.	WB	250 @ POA
PC86	NOS	These PC86 East European can replace 5842/ 417A, but the pin-out of base will need adjustment. PC86 USSR including Zaerix NOS. Clean, guaranteed. Would suit audio amplifier. We should have a large quantity in stock so please enquire.	OB/WB/B P	2.50 20 @ 1.50 300 @ 1.30
PC86	NOS	Mazda West European NOS. Audio tuner valve. These PC86 can replace 5842/417A but the pin-out of base will need adjustment. Data: Vf=3.8V, If=300mA, Va=220V, Ik=20mA, S=14mA/V, Pa=2.2W	OB/WB	4.00 20 @ POA
PC88	NOS	NOS, East European. Required for audio tuners. Data VF=4.0V, If=300Ma, Va=230V, Ik=13Ma, S=13Ma/V, Pa=2 W. For data/photo refer to PC88 Mullard below. Would suit audio amplifier. We should have a large quantity in stock so please enquire.	OB	3.00 50 @ 2.00 300 @ 1.70
PC88	NOS	Mullard, West European. Most have logo. NOS. Required for audio tuners. Equivalent to 4DL4 B9A base single triode. Data VF=4.0V, If=300Ma, Va=230V, Ik=13Ma, S=13Ma/V, Pa=2 W.	Most OB	4.00 20 @ 3.20
PC88	NOS	West German Valvo, NOS. Please ask for prices.	OB/WB	500 @ POA
PC92	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	POA
PC97	NOS	Mazda logo - UK NOS. 1970s vintage PC97 4FY5. Long lasting good quality NOS signal triode. PC97 is almost identical to 6GK5 except the heater voltage. Would suit audio amplifier. We should have a large quantity in stock so please enquire.	OB	1.50 100 @ 1.20
PC900	NOS	Equivalent 4HA5. Mullard logo, West European NOS. Suits audio tuners. Near offers considered for orders over 50 pieces Mullard.	Most OB	6.00 4 @ 5.00 200 @ 4.80
PC900	NOS	Equivalent 4HA5. Made in Japan NOS. Guaranteed. Suits audio tuners. 25p discount if you accept bulk white box.	OB/WB	4.00 20 @ 3.00 200 @ 2.50
PCC84	NOS	200+ RFT German and 100-200 of other East European. Sets of 100 pieces that look identical. Guaranteed NOS. Audio double triode.	OB/WB	2.40 20 @ 2.00 400 @ 1.50
PCC84	NOS	Fivre logo, NOS made in Italy. Audio double triode.	OB/WB	5.25 40 @ 4.80
PCC84	NOS	150 Mazda, 250 Thorn, 30 Brimar. All UK NOS. Audio double triode.	OB	3.50 150 @ 2.50
PCC84	NOS	250 Mullard UK NOS, includes 70 Philips Holland, audio double triode.	OB/GB	6.00 10 @ 5.00 25 @ 3.75 250 @ 3.25
PCC85	NOS	East German RFT (small quantity), larger quantity Tungsram Hungary. All NOS. This double triode operates in similar way to ECC85, but heater voltage is different.	WB	6.00 40 @ 5.00 100 @ 3.75
PCC85	NOS	Japan. NOS manufacture. 30 or 40 of each brand. GE, Westinghouse, RCA, Brimar, Mazda. Would suit audio amplifier. We should have a large quantity in stock so please enquire.	OB/WB	5.00 100 @ 4.00 200 @ 3.75
PCC85	NOS	Mullard logo West Europe NOS. Tested guaranteed.	Most OB	6.00 36 @ 5.00
PCC85	NOS	Telefunken logo West German NOS. With <> Tested guaranteed.	Most OB	35.00 4 @ 28.00

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
PCC88	NOS	Mazda logo NOS. Vintage made by Tesla in Czechoslovakia.	OB	18.00 10 @ 16.00
PCC88	NOS	Mullard waisted shape, D getter. UK or Holland, NOS. We have these 3 pieces NOS & 3 Grade One at lower price, so a potential 6 pieces.	OB/WB	60.00 3 @ 50.00
PCC88	NOS	Telefunken logo. ∅. NOS. West German. Tested, clean.	OB	60.00 4 @ 50.00
PCC88	NOS	Tungsram NOS Tested, clean.	OB/WB	25.00 4 @ 21.00
PCC88 / 7DJ8	NOS	Mullard UK / Holland. NOS, tested guaranteed. These have 7.5v heater instead of 6.3v heater, but in all other ways are the same as ECC88. In most preamps, these will plug in to replace directly the ECC88/6DJ8. Data: http://tubedata.philipse.info/ if you have difficulty please contact our office.	OB	15.00 10 @ 12.00
PCC88	NOS	A choice of Siemens German, Siemens (West European made) printed as Telefunken, or Valvo German or El Yugoslavia. 2 pieces of each.	OB/WB	POA
PCC88	NOS	Tesla logo, grey pin. 1970's made in Czechoslovakia. Plenty of bass definition and a sweet mid band. Excellent in phono stages NOS and guaranteed. Half are yellow logo, estimate 1970s made. Half are white logo, estimate 1980s made. None are JJ recent Slovakian made.	OB/WB	25.00 4 @ 21.00 8 @ 20.00 16 @ POA
PCC89	NOS	Mazda, UK made but with Rediffusion logo. Audio double triode. B9A base: VF=7.0V, If=300Ma, Va=130V, Ik=15Ma, S=12MaV, Pa=1.8W.	OB	5.00 100 @ POA
PCC189	NOS	Tungsram Hungary NOS. Also a few East Europe made Mazda at the same price. Audio double triode, similar to ECC88 but different heater. Data: http://tubedata.philipse.info/ if you have difficulty please contact our office.	OB	6.00 10 @ 3.50
PCC189	NOS	Mullard UK NOS, Mazda/Brimar UK NOS, Telefunken logo West German NOS. Not diamond mark, no <>. A few of each brand.	Most OB	12.00 20 @ 7.50
PCC189	NOS	30L17 Mazda UK is near equivalent.		
PCC189 / 7ES8	NOS	4 or 5 different Russian / East European brands NOS. Partly similar to ECC88. Data: http://tubedata.philipse.info/ if you have difficulty please contact our office.	OB/WB	5.00 10 @ 4.00
PCC806	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	POA
PCF80	NOS	Mullard or Mazda logo UK/or other West Europe NOS logo. This is a potential audio type and we have seen this in audio tuners. Photo/data http://www.r-type.org/exhib/aaa1133.htm	OB/WB	4.00 100 @ 3.20
PCF80	NOS	NOS including Tungsram Hungary, Russia, East Europe. Audio tuner valve.	WB	2.20 100 @ 1.80
PCF82 / 9U8A	NOS	Small quantities of Osram UK & Telefunken West German (NOS). Large quantities of USA. (NOS). Potential audio type.	Most OB	3.25 50 @ 2.50 500 @ POA
PCF84	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	POA
PCF86	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	POA
PCF200	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	POA
PCF201	NOS	Philips or Mazda logo. Holland NOS. Equivalent to 8U9. May have audio applications. B10A base Triode-Pentode. Sockets available. Data on the tubedata.it church website.	Most OB	2.30 800 @ 1.80
PCF800	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	POA
PCF801	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	POA
PCF802	NOS	Philips/Mullard UK/Holland Siemens West European manufacture, all with logo. For use in audio tuners.	OB/GVT	2.00 200 @ 1.50
PCF802	NOS	Sylvania logo USA NOS.	OB	1.80 600 @ 1.40
PCF805	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	POA

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
PCF806	NOS	Mullard or Mazda logo UK NOS. Good quality triode pentode. Data www.r-type.org/exhib/aa10100.htm . Partly similar to ECF82/6U8A, similar data for low voltage operation but different pinout. A useful potential audio type as the two sections are independent but they are relatively low volts, 160 volts gives 2 watts of power, so they're ideal for a headphone amp. Would suit audio amplifier. We should have a large quantity in stock so please enquire.	OB	5.00 10 @ 4.00 100 @ 3.00 400 @ 2.50
PCF808	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	POA
PCF808	NOS	Mazda logo, UK NOS. Data on request. Good quality small signal triode-pentode. Would suit audio amplifier. We should have a good quantity in stock so please enquire.	OB	2.00 200 @ 1.50
PCL81	NOS	NOS. Telefunken with diamond between pins. 10 pieces. We also have limited quantities of East European at lower price.	OB	5
PCL82	NOS	Made by Tungfram Hungary. PCL82 / 16BM8 are similar to ECL82, but PCL82 has 16v heater. NOS. ECL82 and its "brother" ECL86 both are becoming scarcer and more expensive, especially for the UK/West European made tubes such as Mullard. Consider PCL82, possible alternative. These 2 are not equivalent but are VERY similar, apart from PCL82 having a 19v heater.	OB	4.00 50 @ 3.50 200 @ 3.00
PCL82	NOS	RFT German. NOS. PCL82 / 16BM8 are similar to ECL82, but PCL82 has 16v heater. ECL82 and its "brother" ECL86 both are becoming scarcer and more expensive, especially for the UK/West European made tubes such as Mullard. Consider PCL82, possible alternative. These 2 are not equivalent but are VERY similar, apart from PCL82 having a 19v heater.	OB/WB	8.00 10 @ 7.25 100 @ 6.50
PCL82	NOS	Mullard UK/Holland or other x 100 approx. NOS. West European made with logo. Audio type. ECL82 and its "brother" ECL86 both are becoming scarcer and more expensive, especially for the UK/West European made tubes such as Mullard. Consider PCL82, possible alternative. These 2 are not equivalent but are VERY similar, apart from PCL82 having a 19v heater.	Most OB	8.00 10 @ 6.00 100 @ 5.50
PCL82	NOS	Sylvania logo USA NOS x 20 approx. Larger quantity may exist. Potential audio type. ECL82 and its "brother" ECL86 both are becoming scarcer and more expensive, especially for the UK/West European made tubes such as Mullard. Consider PCL82, possible alternative. These 2 are not equivalent but are VERY similar, apart from PCL82 having a 19v heater.	Most OB	15.00 20 @ POA
PCL83	NOS	Mullard logo UK NOS. Similar to ECL83 but different heater. Would make a good single-ended or push-pull low power guitar or headphone amp.	OB/WB	5.00 30 @ 4.00
PCL83	NOS	Russian NOS.	OB/WB	4.00 60 @ 2.50
PCL84	NOS	Mullard UK NOS. Would suit audio amplifier. We should have a large quantity in stock so please enquire.	Most OB	4.00 100 @ 3.20
PCL84	NOS	Tungfram NOS Hungary.	OB/WB	3.00 100 @ 2.40
PCL86	NOS	Various East European, 10 of this brand and 10 of that. New, guaranteed, similar to ECL86, but has 14v heater voltage. Competitive prices	WB	4.50 10 @ 3.80 100 @ 2.80
PCL200	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	POA
PD500	NOS	Mullard logo Holland NOS. Possible alternative, not equivalent to the rare 6BK4. B9D base. GBP20 retail.	OB	13.33 16 @ 10.00
PD510	NOS	= 9ED4. Rectifier, partly similar to 6D22S Mullard logo UK NOS. A high voltage shunt regulator, can be utilised for audio.	OB	5.00 50 @ 4.00
PE06-40N	NOS	Made in West Europe. NOS.	OB/WB	12
PE1-100 / 6083 / OS51	NOS	Tungfram = PE1-100 Hungary. High power type. NOS. Seen in audio amplifiers in recent years. Data: Vf = 12.6V, If = 350Ma, Va = 150V, Ik = 20Ma, Pa = 45W. Sockets [71CX] in stock. 45 watt anode dissipation, output is almost 200 watts of audio power per pair. Data 6083 equivalent data http://frank.pocnet.net/vademecum1.html	OB	22.00 10 @ 20.00

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
PE7B	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	POA
PEN4DD	NOS	Mullard UK made. NOS. Please enquire for price.	OB/WB	POA
PEN4VA	NOS	MP/PEN UK NOS	OB/WB	10
PEN25	NOS	CV65 Mazda logo, UK. Perfect NOS condition. Tested. Audio pentode. Mazda octal socket to fit these in stock ref SOC89MC. Data: http://tubedata.philipse.info/ if you have difficulty please contact our office.	OB/WB	6.50 10 @ 5.50 100 @ 4.50
PEN25	NOS	CV65 Mazda logo, UK. NOS. Tested but the SPIGOT CENTRE PIN IS MISSING.		4.00 12 @ 3.00
PEN36C	NOS	UK NOS, also includes equivalents: CV1674, CL33, PEN3520.	OB/WB	15.00 40 @ POA
PEN36C	NOS	STC logo UK, PEN36C, CV1672. Many are unused but small glass rattle or test below NOS standard. SOLD AT USED PRICE. Similarities to 6L6GC and EL33 but the heater voltage is different. Fits our Socket SOC7PT4. Data for PEN36C, 6L6, on the tubedata.itchurch website.	OB	12
PEN453DD	NOS	Mazda UK NOS. Tested/guaranteed. Pen453DD a double diode output pentode from 1930s. The diodes were for signal and AGC rectification, and the high gain output pentode drove the speaker directly without the need for an audio pre-amplifier stage. Data: Vf=45V, If=200Ma, Va=160V, Ik=65Ma, S=12Ma/V, Pa=10W	OB/WB	15.00 40 @ 12.00
PEN44	GRADE 1	Mazda. UK made. Please enquire for price.	OB/WB	In stock POA
PEN45	NOS	Mazda OR Ediswan audio pentode, most with logo UK. NOS, Tested, /guaranteed..	OB/WB	20.00 4 @ 18.00 12 @ 15.00
PEN45	GRADE 1	Tested as Grade One. Mazda or Ediswan audio pentode, most with logo UK made guaranteed. Tested near new but store soiled appearance		15.00 4 @ 13.00 12 @ 11.00
PEN45	USED	Tested as used, around 65-75 percent emission. Mazda or Ediswan audio pentode, most with logo UK made guaranteed.	WB	10.00 4 @ 9.00 12 @ 7.50
PEN45DD	NOS	Mazda UK NOS. GBP14 wholesale price. When available...	OB / WB	POA
PEN46		11E3/CV73 is equivalent to PEN46/VT127 and KT44. All the above are 4v heater, B7 base and anode top cap. They're all similar to KT66 but KT66 is 6V heater octal base.	GVT	POA
PEN46	NOS	Mazda logo or Raytheon logo. UK/USA. NOS with guarantee. Audio output tetrode. Similar (but not equivalent) to KT66. See separate paragraph on KT66 v PEN46 similarities. Data/curves tubedata.itchurch website. Sockets to fit in stock.	WB	20.00 12 @ 15.00 150 @ 10.00
PEN220A	NOS	UK NOS. Tested/guaranteed. MOV, Mazda. 2 volt heater, 1.1 watt audio output pentode. Sets of 2, 4 or 8 with same appearance. Data here, look for the PDF www.r-type.org/exhib/aaa0372.htm	OB/WB	15.00 4 @ 11.75 25 @ 11.00
PEN383	NOS	Mazda. UK made. NOS. Please enquire for price.	OB/WB	In stock POA
PEN383	USED	Mazda. UK made. Used. Tested. Please enquire for price.	OB/WB	In stock POA
PL33	NOS	These are NOS PL33 octal base audio pentode. Mullard, logo. Tested and guaranteed.	OB	16
PL33	USED	These are used PL33 octal base audio pentode. Mullard, logo. Tested and guaranteed.	OB	8.00 10 @ 7.00
PL36	NOS	Mullard logo UK NOS. Fits Sansui 1000 Quad Stereo & other hifi. We have other cheaper brands too, please enquire.	OB	7.50 24 @ 7.00
PL36 / 25E5	NOS	Mazda logo E. European made & USSR made NOS. Fits Sansui 1000 Quad Stereo & other hi-fi. Would suit audio amplifier. We should have a large quantity in stock so please enquire.	Most OB	5.00 6 @ 4.00 100 @ 3.00 250 @ 2.50
PL38	NOS	Mullard logo UK NOS.	Most OB	200.00 8 @ 16.00
PL81	NOS	Siemens logo, West German. NOS. We also have Mullard UK and other West European brands. Data showing push/pull use in class AB audio is available. Some similarities to EL519 date also on the tubedata.itchurch website.	OB	2.75
PL82	NOS	Mullard logo UK made. NOS. Audio circuit diagram featuring this tube available free on request.	Mostly OB	7.00 10 @ 6.00 50 @ 5.00 100 @ 4.00

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
PL82	NOS	Tungsram, Hungary. Audio type. 4 watts can be obtained from the PL82 when used in class A single ended with 200v on A1 and G2. Data available. Other brands may exist 70 pieces.	OB/WB	5.00 70 @ 3.00
PL83	NOS	18 Mullard UK made. NOS. 10 Siemens West German. 24 Bentley West Europe. Audio circuit diagram featuring this tube available free on request. Audio data www.tube-amps.net/EA_Hashimoto_PL83_SE_01.htm . Would suit audio amplifier. We should have a large quantity in stock so please enquire.	Mostly OB	3.00 100 @ 2.50
PL84	NOS	Russian x 100. East European etc. New guaranteed. Potential audio type.	OB/WB	5.50 100 @ 4.00
PL84 / EL86	NOS	These are PL84. They have some similarities to EL86, but not equivalent. Telefunken logo x 10, West German NOS with ϕ , 40 x Mazda logo UK NOS, 10 x Mullard logo UK NOS.	Most OB	7.00 10 @ 6.00 60 @ 5.00
PL95	NOS	Philips logo. West European made, NOS. Almost the same as 6DL5 but 4v heater. B7G base audio pentode with similarities to EL84 6AQ5 etc. Data: http://tubedata.philipse.info/ if you have difficulty please contact our office.	OB	6.00 10 @ 4.00 200 @ 3.80
PL95	NOS	Siemens logo. West European made, NOS. Almost the same as 6DL5 but 4v heater. B7G base audio pentode with similarities to EL84 6AQ5 etc. Data: http://tubedata.philipse.info/ if you have difficulty please contact our office. Would suit audio amplifier. We should have a large quantity in stock so please enquire.	OB	4.00 10 @ 3.20 200 @ 2.80
PL500	NOS	Valvo or Lorenz NOS West Europe. Near equivalent to PL504 but PL500 slightly lower power.	OB/WB	6.50 100 @ 5.50 300 @ 5.00
PL500	NOS	Tungsram/Tesla and other East European. 15 pieces may exist.	OB/WB	6.5
PL504	NOS	Mazda logo printed Mazda foreign. We think these are West Euro made.	OB/WB	6.50 20 @ 5.00
PL504	NOS	Mullard logo UK NOS. 10 pieces.	OB	14.00 24 @ 13.00
PL504	USED	Mullard logo UK. Used tested 15 pieces.	OB	7.00 10 @ 6.50
PL508 / 17KW8	NOS	NOS. Mullard UK NOS. Data / ideas re audio amplifier application www.r-type.org/exhib/aaa0326.htm	OB/WB	8.00 16 @ 6.50
PL508 / 17KW8	NOS	NOS. 16 Tungsram & 10 other East European.	OB/WB	7.00 26 @ 55.00
PL509	NOS	Brimar logo believed to be made by Ei Yugoslavia NOS, tested guaranteed	OB/WB	33.00 8 @ 28.00
PL509	NOS	Mullard logo UK. NOS.	OB/WB	60.00 4 @ POA
PL509	NOS	Mullard logo foreign made, probably West European manufacture. Used tested guaranteed.	OB/WB	12.50 4 @ 10.00
PL509	NOS	UK/ USA /Japan.	OB	35
PL509	NOS	Russian/East Europe etc. Tesla Ei and others, tested/guaranteed.	OB/WB	30
PL509	USED	Brimar logo believed to be made by Ei Yugoslavia USED, tested/ clean guaranteed.	OB/WB	18.00 8 @ 15.00
PL509	USED	Mazda logo believed to be Japanese made used, tested/guaranteed.	OB/WB	18.00 8 @ 15.00
PL509	USED	Mullard logo UK. Used, tested/guaranteed.	OB/WB	15.00 8 @ 13.00 40 @ 10.00
PL509	NOS	Mullard UK / Holland / other country. Used, tested working guaranteed. USA/Japan.	OB/WB	35.00 4 @ POA
PL519	NOS	Mullard NOS.	OB/WB	65.00
PL519	USED	Mullard UK / Holland / other country. Used. Tested, working guaranteed.	OB/WB	35.00 4 @ POA
PL519	NOS	USA /Japan. NOS	OB/WB	35.00
PL519	NOS	Various Russian. NOS. And Ei Yugoslav.	OB/WB	35.00
PL519	NOS	Not made anywhere since 2006..		
PL801	NOS	Mullard or Mazda or Ediswan. UK made. NOS. Equivalent to 30P12 and 12FB5 audio output pentode. pdf data www.r-type.org/exhib/aaa1717.htm	Mostly OB	4.00 10 @ 3.00 100 @ 2.50
PL802	NOS	Mullard logo UK NOS. B9A audio type audio pentode. Email us for photo. Here's a circuit diagram for audio amplifier using EL802, PL802 is similar tube but has different heater. Here's some extra data for PL802 www.audioasylum.com/forums/tubediy/messages/3/32019.html	OB	5.00 10 @ 4.50 50 @ 4.00 200 @ 3.00

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
PL5545 / A	NOS	West European/North American including Philips. Thyatron. Equivalent to 5545.	OB/WB	72.00 6 @ 62.00
PLUG	NOS	For octal plugs. Refer to 8 pin socket section near back of the catalogue. Order code 8-plug	BP	POA
PM1	NOS	Mullard UK Manufacture. NOS.	OB/WB	14.50 6 @ 12.00
PM13	NOS	Mullard UK Manufacture. NOS.	OB/WB	14.50 2 @ 12.00
PM84	NOS	Mix West European. NOS.	WB	5.50 40 @ 4.00
PM1A	NOS	Mullard UK Manufacture. NOS.	OB/WB	14.50 2 @ 12.00
PM1HF	NOS	Mullard UK Manufacture. NOS.	OB/WB	14.50 4 @ 12.00
PM1HL	NOS	Mullard UK made. NOS. Please enquire for a price.	OB/WB	In stock POA
PM12M	NOS	Mullard UK Manufacture. NOS.	OB/WB	14.50 6 @ 12.00
PM1LF	USED	Mullard logo UK. Used. Not new appearance but tested/guaranteed.	BB	6.50 2 @ 6.00
PM2A	USED	GEC logo, UK Used. Tested like VR22.	WB	10
PM2 / A	USED	West European manufacture. Used/not new appearance but tested/guaranteed. Also we have PM1, PM22, PM24, please ask.	BB	8.5
PM2HL	NOS	Mixed UK brands. 4 pieces. Test as Grade 1. Most new but decent appearance.	OB/WB	24
PM2HL	NOS	UK NOS. Equivalent to 210HL CV1673 and HL2. Guide price GBP 30 wholesale.	OB/WB	POA
PM2HL	GRADE 1	UK. Grade 1, tested. Approx 80 percent emission.		25
PM22A	NOS	West European manufacture. NOS 4 pieces.	OB/WB	15
PM22D	NOS	West European manufacture. NOS 4 pieces.	OB/WB	15
PM24A	NOS	West European manufacture. NOS 4 pieces.	OB/WB	15
PM24D	USED	GEC sticker UK. Balloon shape. PM24D/NT62A used, tested, guarantee. Offers invited.	WB	80.00 6 @ 65.00
PM24M	NOS	NOS. Please enquire.	PB/WB	POA
PM24M / P435	NOS	These are P435 Triotron Europe, possible alternative to PM24M.	OB	24
PM24M	USED	Mullard UK. Used. Guide price GBP12 wholesale.	OB/WB	POA
PM254	NOS	Mullard UK NOS. 1930s made balloon shape triode. Similar to PM4DX. Data http://www.r-type.org/exhib/aal0012.htm	OB/WB	27.50 5 @ 25.00
PP3-250	NOS	Mazda logo. Shoulder shape, NOS. Sometimes available.	OB/WB	POA
PP3-250	NOS	Mazda logo. Balloon shape. UK NOS. In sets of 2 the same appearance. GBP600 per valve.	OB	600
PP3-250	NOS	Mazda logo. Balloon shape. UK NOS. Singles, not sets of 2 the same appearance.	OB	350
PP3-250	NOS	Please refer to LK4112 for a possible alternative but not equivalent.		
PP3-250	USED	Mazda logo. Balloon shape. UK. Used, tested 65-75 percent emission.	OB	400
PP5-400	NOS	NOS, Mazda UK balloon shape. 1 or 2 pieces.	G Box	750
PP5-400	GRADE 1	Mazda UK balloon shape. 1 or 2 pieces.	G1	600
PP5-400	USED	Mazda UK balloon shape. 1 or 2 pieces. Used, tested.	WB	400
PP5-400	USED	Mazda UK balloon shape. 1 piece. Used, tests only 50 percent emission.	Bag	225
PT4D	NOS	Ferranti UK. Equivalent to AC2/PENDD, audio output valve. Socket to fit [7PT4] is available from stock. Data on request.	OB/WB	12.00 10 @ 10.00
PT15	NOS	NOS, brown base, Hytron. Made in USA. All test new. 2 pieces.	GVT	60
PT15	NOS	GEC UK NOS. White ceramic base. Tested/guaranteed. PT15 tetrode can be strapped up to form a near equivalent to PX25 triode. Data on request.	OB/WB	95
PT15	GRADE 1	GEC sticker. UK. White ceramic base. Tested as Grade One, guaranteed.	G1	70
PT25H / CV1046	NOS	1 only, Osram logo. Looks nearly NOS but tested at 80 percent emission so reduced to GBP300.	GVT	300
PT25H / CV1046	USED	Used tested, balloon shape, UK made. Data: http://tubedata.philipse.info/ if you have difficulty please contact us.	WB	175
PV4100	NOS	Tungsram NOS.	OB/WB	40

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Bi / PTT100	NOS	Thomson PTT100. Equivalent to Siemens Bi triode. This is suitable as a driver for PX4. Original Siemens Bi are 100.00GBP, compare that to these PTT100 at 40GBP, www.tubedata.org .	OB	40
PX4	NOS	GEC UK NOS. GT straight-sided shape. Also refer to E406N, P2-250 near equivalents, elsewhere in this catalogue. Sets of 2 pieces of the same appearance when available.	OB	330
PX4	NOS	GEC UK NOS. GT or ST shape. These are singles, not sets of 2 pieces, when available.	OB	220
PX4 / PP3 / 521	NOS	Mazda logo. Shoulder shape, NOS. Four pieces. These are PP3-521 are similar to PX4 but have 35 volt heater and large B7 base. Free socket supplied with this tube.	OB/GVT	150.00 4 @ 120.00
PX4 / PX650	NOS	These are PX650 Mazda UK NOS balloon shape. They test similar to PX4, but 6v heater. PX4 gm is 6ma/v, px650 gm is 2 ma/v. Directly heated audio triode. Mazda UK made NOS. Near offers considered. More data from our office.	OB	185.00 2 @ 175.00
PX25	NOS	MOV UK NOS. Balloon shape. Matched pair, 2 look the same and similar anode current, emission. The price shown is for one tube. Very rare indeed.	GB	750.00
PX25	NOS	MOV UK NOS. Balloon shape. Very rare indeed. These are not sets of 2 pieces the same appearance. One of this brand, one of that brand, one of the other brand. Hence reduced price.	GB	500.00
PX25	NOS	MOV UK NOS. GT shape. 2 look the same. The price shown is for one tube. Very rare indeed.	GB	550.00
PX25	NOS	MOV UK NOS. GT Shape. Very rare indeed. These are not sets of 2 pieces the same appearance. One of this brand, one of that brand, one of the other brand. Hence reduced price.	GB	450.00
PX25	GRADE 1	MOV UK. Test as Grade 1. Balloon shape. Decent appearance, not new appearance.	G1	400.00
PY32	NOS	Mazda logo UK NOS. Audio rectifier, high current half wave. 2 together would suit full wave application. 2 of these would be better than a GZ37. Data GZ37: Vf=5.0V, If=2800ma, Va=500V, Ik=250ma. Data PY32: Vf=28V, If=300ma, Va=250V, Ik=300ma, Octal base. More data http://frank.yueksel.org/index.html	OB/WB	5.00 10 @ 4.00 70 @ 3.00
PY33	NOS	Mazda logo, or Mullard with Rediffusion logo. UK NOS. Refer to PY32 paragraph for data.	OB/WB	5.00 10 @ 4.00
PY82	NOS	Tungstram Hungary x100 minimum. Plus possible other European brands. NOS	OB/WB	4.00 10 @ 3.00 200 @ 2.40
PY88	NOS	Most are Tesla, a few Polam. European made NOS. Data on tubedata.itchurch website. Please add 0.25GBP per tube if white box required. Would suit audio amplifier. We should have a large quantity in stock so please enquire.	BP	2.50 50 @ 1.60 300 @ 1.50
PY500A	NOS	Bentley, Soviet Bloc manufacture. An audio rectifier tube, 42 volt filament. B9D sockets and caps for these tubes from stock, please ask. Please add 0.25GBP per tube if white box required. Would suit audio amplifier. We should have a large quantity in stock so please enquire.	BP	2.00 100 @ 1.50
PZ1-75	GRADE 1	Mullard Grade 1. Equivalent to CV1221 NT38. Rare power / output pentode.	G1	100
PZ30	NOS	Mullard logo. UK made. NOS. Audio rectifier.	OB/WB	12.50 6 @ 11.00
PZ30	GRADE 1	Mullard logo. UK made. Audio rectifier. Test as Grade One.	G1	9.00 8 @ 7.00
QB3-300	NOS	Equivalent to CV2130.		
QB3.5-750	NOS	Out of stock, please contact office if you would like to discuss.		
QB3.5-750	NOS	Please refer to QY4-250, C1112, CV2131 near equivalent.		
QB4-1100GA / 4-400A	NOS	Mullard/Philips NOS West Europe. Huge triode, possible audio applications. Refer also to 4-400A Eimac equivalent, near the front of our catalogue. Data www.tubedata.org	OB/WB	140.00 10 @ 120.00

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
QB5-1750	NOS	Equivalent to 6079. Similar to QY5-500. Mullard/Philips NOS, West Europe. Huge triode, possible audio applications. Data www.tubedata.org	OB/WB	160
QBL3.5-2000	NOS	Philips, West European. NOS. 12 months guarantee. Believed to be equivalent to 8177 and Mullard QY3 – 1000. Data on request.	GVT	500.00 3 @ 450.00
QBL5-3500	NOS	Equivalent to 6076. Philips West European made. NOS guaranteed. A broadcast tetrode. Output Power 2.8 Kw, maximum frequency 220 MHz, Cooling Forced Air, Heater 6.3 V at 32.5 A. Peak anode voltage 5.5 Kv.	GVT	250.00 3 @ 240.00
QE08-200	NOS	Philips Holland carbon anode. NOS. 100 watt CCS dissipation rating. 2 of these as audio amplifiers would give 300 watts at 3600 ohms with 750v anode voltage.	OB/GVT	300
QK412	NOS	West Europe. USA made.	OB/WB	POA
QKH798	NOS	West Europe. USA made.	OB/WB	POA
QP21	NOS	CV1035 Brimar, UK made NOS. QP21 is double pentode with SOME similarities to EF86. QP21 has B7 base, plenty of sockets, ref SOC7FC4 from our stock. QP21: Vf=2.0V, If=400Ma, Va=250V, Ik=10Ma, S=2.3Ma/V.	Mostly OB	7.00 2 @ 6.00 200 @ 4.50
QQE06-40	NOS	Refer to QQV06-40A .		
QQV02-6	NOS	Mullard UK/Holland Mullard logo. Great quality, seen in audio amplifiers.	OB/WB	10.00 20 @ 8.00 40 @ 7.50
QQV03-10	NOS	Mullard logo, UK/Holland manufacture. Possible audio type with similarities to ELL80. They are AUDIO double output tetrodes. They work with output transformers designed for EL84 or 6V6. Discussion of audio amplifier with this type at http://www.el34world.com/Forum/index.php?topic=12647.0	OB/GVT	5.75 40 @ 5.00
QQV03-10	NOS	Soviet Bloc/other brands of our choice. Regret no picking of brands. Hundreds in stock.	OB/WB	3.25
QQV03-10	USED	Mullard logo, UK/Holland made, used tested guaranteed. Audio type that works with transformers designed for EL84 or 6V6. More data in the NOS paragraph above.	BP	3.75 10 @ 3.00 250 @ 2.00
QQV03-20 / QQV03-20A	NOS	EEV UK/GEC UK Glass printed CV2799. GEC sticker. Made in UK, gold pin, and military quality. Similar to 829B but has different base.	GVT	8.50 100 @ POA
QQV06-40A	NOS	German NOS. Guaranteed. Possible audio type. Free data on request.	OB	POA
QQV06-40A	NOS	Mullard NOS West Europe.	OB/WB	POA
QQV07-50	NOS	Mullard NOS West Europe. Grey pin. This double tetrode would make a good audio pentode, partly similar to 829B. 829B data: http://www.r-type.org/exhib/aaa0174.htm QQV07-50 data: http://www.r-type.org/exhib/aad0173.htm For audio circuit, using QQV07-50 designed by Billington Export, please click http://Www.r-type.org/articles/art-138.htm	Most G-box	14.50 16 @ 13.00
QQV07-50	NOS	Mullard NOS West Europe. Gold pin. This double tetrode would make a good audio pentode, partly similar to 829B. 829B data: http://www.r-type.org/exhib/aaa0174.htm QQV07-50 data: http://www.r-type.org/exhib/aad0173.htm For audio circuit, using QQV07-50 designed by Billington Export, please click http://Www.r-type.org/articles/art-138.htm	Mos G-box	35.50 16 @ 30.00
QS1202	NOS	EEV UK CV4052. Potential audio item , rugged type. 108V operating, 210V striking total darkness, 133V striking in normal lighting. 15Ma maximum tube current, 2Ma minimum tube current. Clean and guaranteed. EEV UK was connected to the GEC/MOV company. A wire leaded gas regulator tube that regulates from 5 to 15Ma at 108 volts DC.	GVT	2.50 100 @ 2.00 500 @ 1.50
QU37	NOS	GEC, UK NOS. Potential audio type. Vintage British made. High voltage double diode.		5.70 40 @ 3.70
QV04-7	NOS	Mullard logo. UK NOS. Tested, guaranteed. Plenty of B9G sockets to fit in stock. Reference 9EF50. Audio output pentode. 1960s military QV04-7, CV309. Equivalent to QE04-10.	Mostly GVT	8.00 4 @ 6.50 150 @ 5.75
QV08-100	NOS	Mullard and Philips NOS. Offers considered. 2 or 3 pieces.	OB/WB	280

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
QV08-100B	NOS	Mullard and Philips NOS. Offers considered. 2 or 3 pieces.	OB/WB	230
QY2-100	NOS	Mullard France. Equivalent to 813.	WB	POA
QY3-125	NOS	Please refer to CV2130.		
QY4-250	NOS	West European or USA including CV2131, C1112 QB3.5.750 equivalents. Glass audio magazine, 1997, number 1, features QB3.5-750 as a huge audio triode. QB3.5-750, is similar to QY4-250.	OB/WB	45
QY4-400	NOS	Chinese made NOS. Tested. With guarantee. Socket to fit (SOC5FB) from stock. We believe this is the best price In the world.	GVT	90
QY4-400	NOS	Mullard logo, West European made NOS. Mullard original book data and curves available free. Possible audio tetrode, huge size and power sockets to fit from stock.	GVT	150
QY5-3500	NOS	Mullard, West European made. NOS guaranteed. A broadcast tetrode. Data on request.	GVT	250.00 3 @ 240.00
R5V	NOS	BBC stamped. UK NOS. Balloon shape. 1920s top pip tube. Rare & desirable.	WB	1 @ 80.00
R19	NOS	Made in West Europe or USA NOS. We have good quantities in stock. Please enquire.	Most OB	POA
R120	NOS	RT France. Triode. Very rare. Occasionally available.	OB/WB	POA
R224	NOS	Valvo NOS. Double pentode. Designed as a push pull pair for audio/ car radio. Near equivalent to ELL1.	GB	20
R1410	NOS	Photomultiplier or Vidicon. USA NOS. 20 in stock.	Most GVT	20 @ POA
R5559	NOS	GEC sticker. UK NOS. Gold pin. D getter.	OB	12.00 30 @ 11.00
R5559	NOS	GEC sticker. UK NOS. Gold pin.	OB	10.00 30 @ 8.00
REN904	NOS	NOS.	Boxed	40.00
REN904	USED	Telefunken.	Boxed	POA
REN1004 / AR4101	NOS	We have 4 pieces AR4101, near equivalent to REN1004. 3 NOS Tungram, gold colour, ST shape. Data https://www.radiomuseum.org/tubes/tube_ar4101.html Data http://www.r-type.org/exhib/aaa1654.htm	OB	35.00 3 @ 30.00
RES094	NOS	Telefunken West German NOS. Audio type! Equivalent to H410D, B442, TB42. Near offers considered. Data: http://tubedata.philipse.info/ if you have difficulty please contact our office.	GBox	35.00 12 @ 32.00 100 @ 27.50
REZ50103	NOS	Ericson, made in West Europe or USA NOS. We have good quantities in stock. Please enquire.	Most OB	POA
RFG5	NOS	Telefunken, made in West Europe or USA NOS. We have good quantities in stock. Please enquire.	Most OB	POA
RG3-250	NOS	Mullard UK NOS. Tested/guaranteed.	OB/WB	18.00
RG3-250	NOS	Mullard UK. NOS. Audio rectifier. Tested/guaranteed.	OB/WB	12.00
RG4-1250	NOS	EEV UK or Mullard UK. NOS. They are printed CV5 Audio rectifier. High power alternative to 866A, 3B28 etc. Guaranteed. Data http://www.r-type.org/pdfs/rg4-1250.pdf And http://www.r-type.org/pdfs/cv5.pdf	GB	25.00 10 @ 20.00
RGN1064	GRADE 1	Telefunken Germany. Tested as Grade One.	G1	POA
RGN2004	NOS	These are 1561 exact equivalent to RGN2004. Philips logo NOS but print faded. Tested, shoulder shape. 1 only.	WB	75.00
RGN2004	NOS	These are 1561 exact equivalent to RGN2004. Philips logo. NOS. Tested. Rectifier, black plate, balloon shape. 1 only.		100.00
Retainer	NOS	Spring retainers, tube retainers, valve retainers for numerous sizes of tubes and valves, please enquire, quote stock code "Valve Reta".	OB/WB	POA
RK20A	NOS	Raytheon USA. NOS partly similar to 300B, not equivalent.	GVT/WB	40.00
RK6112 / A	NOS	Please see CV2116.		
RKR72	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	POA
RL12P35	USED	Valvo logo 1930s made audio pentode, used but decent appearance. Will be tested. Data: http://tubedata.philipse.info/ if you have difficulty please contact our office. If you buy the tube we can advise possible places to buy the socket.	WB	20.00 2 @ 18.00
RPY43	NOS	UK/USA NOS. Good quantities in actual physical stock. Please enquire.	Most OB	POA

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
RS237	GRADE 1	Telefunken 1930s made. RS237 Triode is similar to 211. Maximum operating conditions. Vh 10 Ah 3.3, Va 1000, Ia 80, μ 12. Anode dissipation is 100 Watts. Test very strong. Some base scratches. Silver getter splash is okay but not perfect. A FEW harmless loose particles. 1 only.	G1	500.00
RS287	NOS	Please refer to RL12P35 for near equivalent.		
RS1003	NOS	Siemens West Germany NOS. B5F base near equivalent to KT88. We can supply sockets to fit.	OB/WB	60.00 4 @ 50.00
RS242	NOS	These are type 242 with KR logo by KR audio, Czech Republic, Europe. New shoulder shape. Audio triode almost identical to Telefunken RS242. http://frank.pocnet.net/vademecum4.html and then click on the "dot".	OB	400.00 PER TUBE
RS1007	NOS	Siemens West Germany NOS. B5F base.	OB/WB	25.00 10 @ 20.00
RTR4142	NOS	Ericsson NOS. Sweden. Pentode with some similarities to 6J7G.	OB	6.00
RV12P - 2000	NOS	East German made by RFT or RWN. Data in the other RV12P2000 paragraph, below.	OB/WB	10.0 10 @ 8.00
RV12P - 2000	NOS	West German made by Telefunken. NOS but appearance imperfect. Famous "Wehrmacht Pentode". Suitable for microphones such as Neumann Gefell M14. Data http://frank.yueksel.org/sheetsR1.html	WB	13.50 20 @ 11.00
RV12P - 2000	NOS	West German made by Telefunken. NOS perfect. 1 piece only.	OB	42.5
RV287	NOS	West German made by Telefunken. NOS. 1 only. Data on request. 50 watt audio triode!		1 @ 95.00
RW80	NOS	Siemens, German made NOS. Traveling Wave Tube with gold plated pins. Its rated 15 Watts output on 6.2 GHz with 1.8 Mw drive power. 25cm long. Original plain polystyrene wrapper.	OB	38.00 4 @ 30.00
RZ1-150	GRADE 1	Display item. Mullard UK audio rectifier. Similar appearance to DET25. Sold as not working, for display only. Interesting piece of history. A small chance some of them work, but sold as not working display item. Data http://frank.pocnet.net/vademecum4.html	GB	10
S6F17	NOS	CV4040 STC/ITT logo. NOS audio pentode 1970s British made military, broadband signal. Amplifier/ pentode.	GVT	4.00 5 @ 3.20 400 @ 2.80
S11E12	NOS	STC Blue logo - UK NOS. UK [CV4060] with STC logo. Audio type with octal base. For data to convert to KT88, email us. Data: Vf=6.3V, If=1600Ma, Va=800V, Ik=200ma, S=13Ma/V, Pa=28W. Data http://www.r-type.org/exhib/aad0008.htm	OB/GVT	18.50 20 @ 16.00
S11E12	NOS	Mazda logo, UK NOS. UK [CV4060] audio octal type. For data to convert to KT88, email us. More data in the S11E2 STC paragraph, above.	OB/GVT	POA
S11E12	GRADE 1	STC, UK [CV4060] with STC logo. Audio type with octal base. Clean and tested as Grade One. For data to convert to KT88, email us. Data: Vf=6.3V, If=1600Ma, Va=800V, Ik=200ma, S=13Ma/V. Data http://www.r-type.org/exhib/aad0008.htm	G1	16.00
S11E12	USED	STC, UK [CV4060] with STC logo. These test as used ie 65-75 percent emission. For data to convert to KT88, email us. More data in the S11E12 NOS section. Most are surprisingly clean with good getter.	OB/GVT	12.00 20 @ 10.00 60 @ 8.50
S11E12 / 12E14	NOS	Some STC, some Mazda. These are all 12E14 UK NOS tested. Mostly 1960s manufacture. Most are also printed CV8727. Octal base audio type. Similar to KT88 but not equivalent. Data: http://tubedata.philipse.info/ if you have difficulty please contact our office.	GB/WB	25.00
S11E12 / 12E14	GRADE 1	Some STC, some Mazda. These are all 12E14 UK tested as Grade 1. Mostly 1960s manufacture, most are also printed CV8727. Decent appearance but not new appearance. Octal base audio type. Similar to KT88 but not equivalent. Data: http://tubedata.philipse.info/ if you have difficulty please contact our office.	G1	18.00
S11E12	NOS	In 1995 our agent built an amplifier using S11E12 as a near equivalent to KT88. Circuit diagram and information about amplifier is available free.		
S103-1K	NOS	UK/USA NOS. Good quantities in actual physical stock. Please enquire.	Most OB	POA

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
S104-2K	NOS	UK/USA NOS. Good quantities in actual physical stock. Please enquire.	Most OB	POA
S106-1K	NOS	UK/USA NOS. Good quantities in actual physical stock. Please enquire.	Most OB	POA
SC1-100	NOS	In stock. GEC, UK NOS with guarantee. Price is competitive and negotiable. Data may exist on www.r-type.org/search.php	OB/WB	POA
SC1-350	NOS	In stock. GEC, UK NOS with guarantee. Price is competitive and negotiable. Data may exist on www.r-type.org/search.php	OB/WB	POA
SC1-400	NOS	In stock. GEC, UK NOS with guarantee. Price is competitive and negotiable. Data may exist on www.r-type.org/search.php	OB/WB	POA
SC1-600	NOS	GEC, UK NOS with guarantee.	GVT/WB	4.00 100 @ 3.00
SC1-800	NOS	In stock. GEC, UK NOS with guarantee. Price is competitive and negotiable. Data may exist on www.r-type.org/search.php	OB/WB	11.00 10 @ 9.00
SC1-1200	NOS	In stock. GEC, UK NOS with guarantee. Price is competitive and negotiable. Data may exist on www.r-type.org/search.php	OB/WB	11.00 10 @ 9.00
SC1-1000	NOS	In stock. GEC, UK NOS with guarantee. Price is competitive and negotiable. Data may exist on www.r-type.org/search.php	OB/WB	11.00 10 @ 9.00
SC1-1400	NOS	In stock. GEC, UK NOS with guarantee. Price is competitive and negotiable. Data may exist on www.r-type.org/search.php	OB/WB	11.00 10 @ 9.00
SC1-1800	NOS	In stock. GEC, UK NOS with guarantee. Price is competitive and negotiable. Data may exist on www.r-type.org/search.php	OB/WB	11.00 10 @ 9.00
SC1-2000	NOS	40 pieces in stock. GEC, UK NOS with guarantee. Price is competitive and negotiable. Data may exist on www.r-type.org/search.php	PB/WB	11.00 40 @ 8.00
SC1-600	NOS	GEC, UK NOS with guarantee.	GVT/WB	4.00 100 @ 3.00
SE212	USED	Watkins Johnson. Believed UK/USA manufacture. Removed from unused equipment. Sold as used guaranteed at used price. Data on request.	WB	100 2 @ 66.00
SOCKETS	NOS	See separate pages devoted to sockets at end of catalogue.		
SK416	NOS	Eimac USA NOS. Chimney 3-400z tube. Price negotiable & not expensive, please ask.	GVT	POA
SP13	NOS	Made in West Europe or USA NOS. We have good quantities in stock. Please enquire.	Most OB	POA
SP41	NOS	Audio pentode. UK NOS. Includes STC. Various CV equivalents. Guaranteed, tested. SP41 has some similarities to EF86 and EL84. Mazda octal socket, reference 89MC from our stock, fits SP41. Data: http://tubedata.philipse.info/ if you have difficulty please contact our office.	GVT	6.00 8 @ 5.00 200 @ 4.00
SP41	USED	Audio pentode. UK. Includes STC. USED Guaranteed, tested. See data etc in SP41 NOS section above. Socket, reference 89MC fits SP41.	GVT	6.00 8 @ POA
SP61	NOS	CV118, STC or Mazda, UK NOS. Some similarities to EF86 but has a different base. Data www.tubedata.org	GVT	6.00 5 @ 4.00 30 @ POA
SP61	NOS	Mazda UK NOS tested. These have been nicely repainted in red by our supplier. They look good but this is not original, hence lower price.	WB	3.34 10 @ 2.50 100 @ 2.25
STV280 / 40	NOS	Marconi logo, UK NOS. A multiple voltage regulator. A gas shunt regulator tube that provides regulated voltages of 280, 210, 140 and 70 volts DC at 40ma. Ideal for audio preamp/driver circuit, or circuits that need multiple regulated bias voltages. Looks great in operation! B4 socket to fit from stock.	Mostly GVT	10.00 70 @ 6.00
STV280 / 80	NOS	MOV UK NOS. Solid state version. Not glass. Data similar to STV280/40 above.	GVT	10
SU44 / CV261	NOS	1940s vintage British made CV261, SU44, 2T/270 tubes. SU44 is a single high vacuum rectifier diode that can rectify 5ma at 5,000 volts. Sockets and caps in stock.	GVT	3.00 1,000 @ 2.00

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
SU750 / CV128	NOS	Large half-wave rectifier with possible audio use. New but store soiled appearance. Tested/guaranteed. Cossor manufacture, but military print "CV128". Data/photo http://www.r-type.org/exhib/aab0123.htm	WB	15.00 30 @ 10.00
SV83	NOS	SV83 Chinese manufacture NOS. All identical. Guaranteed. SV83 B9A base is similar to EL84 but different pinout. Please refer to data below. SV83 replaces EL84 by rewiring the base. Please add 25p per tube, if white box with label required. SV83 NEW Chinese, equivalent to 6P15P 6П15П EL83. Similar to 6CK6, EL84 & 6BQ5. Very good price!	BP	3.00 10 @ 2.00
SV83	NOS	Svetlana or other Russian manufacture. Printed SV83, 6P15P, 6N15N or 6Pi15Pi. Can replace EL84 by rewiring the base. SV83 B9A base is similar to EL84 but different pinout. Please refer to data at links below to see differences. Please add 0.25GBP per tube if WB required. More data http://tubedata.itchurch.org/sheetsS.html	BP	5.00 10 @ 4.00
SV572-30	NOS	Svetlana "C" logo, Russian. NOS.	OB	38.00 4 @ 36.00
SV811-3A	NOS	Svetlana Russian, when available. NOS.	OB	POA
SV811-10	NOS	Svetlana Russian Svetlana logo. NOS.	OB	50.00 4 @ 45.00
SX782	NOS	Brimar, UK NOS.	BP	POA 700 @ POA
SX5965	NOS	Brimar UK yellow label. Wire ended version of 5965. We have good quantities in stock. Please enquire.	Most OB	POA
T41	NOS	Mazda & similar UK made brands. NOS.	OB/WB	6.00 48 @ 4.50
T55	NOS	Audio triode. Power output 145w. Taylor logo. USA NOS. Data https://www.nj7p.info/Tubes/SQL/Tube_query.php?Type=t5	OB/WB	40.00 4 @ 27.00
T988D	NOS	CV10952 USA or UK NOS CRT. With guarantee. 10 in stock.	OB/GB	POA 10 @ POA
T988D / CV10952	NOS	CV10952 USA or UK NOS CRT. With guarantee. 10 in stock.	OB/GB	10 @ POA
TB2.5 / 300 alias 5866	NOS	Philips west European made. NOS, unused, tested, guaranteed. Data on request NOS.		45.00 6 @ 42.00
TB2.5 / 400	NOS	Alias 5866A. West European made. NOS, unused, tested, guaranteed.		75
TB3-750	NOS	Please see TY4-400 for equivalent.		
TB4-1250	NOS	Or TY4-500 equivalent or 5868 equivalent. Mullard few only. West European made. NOS. guaranteed 12 months from dispatch date.	OB/WB	300
TB4-1250	NOS	Or TY4-500 equivalent or 5868 equivalent. Chinese 4 week delivery. NOS. Guarantee 12 months from dispatch date.	OB/WB	275
TB4-1500	NOS	West European manufacture. When available.	OB/WB	POA
TB5 / 2500	NOS	Philips, made in France. New, not tested.	WB	300
TB5 / 2500	NOS	Equivalent to 7092 = RS1046 = 3C/800E = B1153 = TB5-2500. Chinese new tested, guaranteed. There are several Chinese factories making this tube. This is from the best quality factory in China. Recommended as the best.	OB/WB	275
TDD13C	NOS	Mazda etc. UK, NOS. Double diode triode. Data www.tubedata.org	OB/WB	13.4
TH3074A	NOS	Thomson, made in France NOS. Clean with guarantee. 2 pieces. Offers considered.	OB/I	2500
TH5053	NOS	Thomson, France New/ NOS. Guaranteed. Price negotiable.	WB	POA
TB4B	NOS	West European NOS tested eg Mullard.	OB	20
THERMIONIC	NOS	Thermionic items ALL available. Please enquire.		
TOP CAPS	NOS	See top caps & socket pages at the back of the catalogue.		
TP25	NOS	CV1345 / TP25 Mazda uk nos. Triode pentode frequency changer for battery operated receivers. Data http://www.r-type.org/exhib/aaa0700.htm	GB/WB	4.25 100 @ 3.50
TP2620	NOS	Ediswan / Mazda logo - UK NOS. RF frequency converter tubes. NOS guaranteed. Need British B9 socket and 807 cap. Data www.r-type.org/exhib/aaa0571.htm	Mostly GVT	5.00 150 @ 3.00

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
TRANSMITTER TETRODE	NOS	Differing quantities in stock of the following: Mullard: YK1046, YL1000 (gold pin), YL1080, YL1440, YD1040. RTC: YL1101. Philips: YL1371 Siemens: YD1040 equivalent ML7815.		POA
TRANSMITTER TUBES	NOS	Differing quantities in stock of the following: CPI Eimac: YC233. Eimac: Y739F, Y808, Y825, Y644, Y799, Y808, Y853. Eimac National: Y180. GE: Y1536, Y1937 nixie type.		POA
TRIODE	NOS	Please try CV2130 Philips 125 watts Pa!		
TRIODE	NOS	Please refer to CV9260 for a super low cost Mullard triode.		
TT11	NOS	MOV UK NOS. Mostly VT501 equivalent. Audio pentode. Clean and guaranteed. Data: Vf = 6.3V, If = 800 Ma, Va = 300V, S = 3.5Ma/V, Pa = 7.5W.	GVT	7.50 30 @ 7.25
TT12	NOS	MWT, MOV and other UK NOS. Audio tetrode. GBP12 wholesale.	OB/WB	POA
TT15	NOS	MOV UK NOS. CV222 or CV4046. It is like two 6V6GT tubes in the same envelope.	GB/WB	20.00 4 @ 14.00 24 @ 12.00
TT15	GRADE 1	GEC/Osram, UK [CV4046]. Potential audio type. Tested as Grade 1.	G1	12
TT15	NOS	Equivalent to CV4046 .		
TT21	NOS	An Audio Amplifier circuit diagram using TT21 is available.		
TT21	NOS	Chinese made. Look new, guaranteed. Tested as use but working average emission is around 65 percent. Even the Chinese item is rare. No longer made in China or anywhere else.	OB/WB	30.00 16 @ 27.50
TT21	NOS	GEC sticker UK NOS. 2 pieces look the same. Estimate 1960s made. Almost totally extinct and impossible to find. Possibly the last 2 pieces in the world?	OB	200.00 2 @ 195.00
TT21	GRADE 1	GEC sticker UK made. Tested as Grade One. These test nearly new, but look used, with small stains in the glass. Decent appearance, 4 pieces look similar. Similar to KT88 but top cap and different heater. Guaranteed. Data on request.	G1	100.00 4 @ 95.00
TT22	NOS	GEC sticker UK NOS. 2 look the same. Tested. Similar to KT88 but top cap and different heater. Guaranteed. Data on request.	OB	120.00 2 @ 115.00
TT22	GRADE 1	GEC sticker UK made. Tested as Grade One. These are used, not new, but decent appearance, approximate 80 percent emission. Similar to KT88 but top cap and different heater. Guaranteed. Data on request.	G1	80
TT22	USED	GEC UK manufactures. Tested, With guarantee.	WB	POA
TT100	NOS	GEC sticker UK NOS tested guaranteed. Audio type for class C amplifier. We have socket soc12B in stock. Data/photo www.r-type.org/exhib/aaa1015.htm	OB/GB	110
TT100	USED	GEC sticker UK used, tested guaranteed. 2 only. We have sockets SOC12B, SOC12L in stock.	WB	55
TV4	NOS	Mullard UK magic eye, NOS tested, when available.	WB	65
TV4	USED	Mullard UK magic eye, used tested.	WB	30.00 2 @ 28.00
TY2-125	NOS	East and West European manufacture.	OB/WB	60
TY2-125	NOS	Mullard logo UK NOS. Equivalent to CV1924. New, tested, guaranteed. Several in stock.	OB/WB	90
TY3-250	NOS	East and West European manufacture.	OB/WB	300.00
TY4-400	NOS	= 5867A = TB3/750. Industrial RF tube. Recent manufacture from one of the better Chinese factories. Factory tested. Guaranteed. Brand new. This is not a surplus tube. We are a reputable stockist, in the tube business for over 30 years.	OB/WB	230.00
TY4-400	NOS	Amperex, made in France. Printed 5867A/TB3/750	WB	275.00
TY4-400	NOS	Mullard, West European. NOS. 350 Watt dissipation 30 mhz transmitter triode. Few only. Same price wholesale or retail. When in stock approximately 300.00	GB	POA
TY4-400	USED	Mullard, West European. Used tested decent appearance guaranteed. Same price wholesale or retail. When in stock approximately 150.00	WB	POA

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
TY4-500	NOS	Mullard or other West European. NOS. Thought to be equivalent to 5868, TB4-1250. Will be tested with guarantee 12 months from dispatch date.	OB/WB	300.00
TY6-5000A	NOS	West European, Mullard and Philips made NOS. Slightly similar to 6960 but not equivalent. 6000 Watt anode dissipation, medium gain – mu 32 output triodes. A transmitter tube good for 75 MHz.	OB/WB	500
TY7-6000A	NOS	Mullard, Philips made NOS.	OB/WB	POA
TY7-6000A	NOS	Please refer to BR1106. These 2 tubes have similarities to each other, but are by no means equivalent.		
TZ20	NOS	Taylor USA NOS. A power triode deigned for zero bias B class modulator. A pair would produce 70 watts audio power with 20 watt anode dissipation. Data/photo http://www.r-type.org/exhib/abh0317.htm	OB/WB	20.00 2 @ 17.50
TZ40	NOS	Marconi or Taylor logo. USA made. Some white base, some brown base. NOS & tested.	WB	45.00 4 @ 40.00
TZ40	USED	Marconi or Taylor logo. USA made. Some white base, some brown base. Test as used. Look decent.	WB	22.00 4 @ 17.00
U10	GRADE 1	GEC sticker UK. Grade One.	G1	22.5
U12	NOS	MOV GEC UK NOS. Audio rectifier.	WB	25
U14	NOS	MOV GEC UK NOS. Audio rectifier.	GB	25
U14	NOS	Mullard UK NOS. Audio rectifier.	GB	15
U14	USED	MOV GEC UK. Used, tested. Audio rectifier.	WB	12.5
U14	USED	Mullard UK. Used, tested. Audio rectifier.	WB	7.5
U15	NOS	MOV UK NOS. Tested with guarantee. Audio rectifier, useful to go with DA60 or DET25 audio triode. 1 piece in stock. Extra quantity might be available from my supplier.	GB	100
U15	GRADE 1	MOV UK. Tests as Grade One. Guaranteed. Rectifier, useful to go with DET25 audio triode.1 only.	G1	75
U18	NOS	Or FW4-800 GEC / MOV / Osram UK, NOS. 5 pieces of mixed appearance.	OB/WB	180.00 5 @ 170.00
U18	NOS	Mullard etc has become rare now. Refer to FW4-500 entry elsewhere in the catalogue.		
U19	NOS	Marconi logo GEC UK NOS. Military print. Audio rectifier. Black base. Solid getter. Tested guaranteed.	Most GB	45
U19 / CV187	NOS	GEC or Marconi logo UK NOS. CV187. Audio rectifier. Black or brown base. Ring getter.	OB/WB	45.00 8 @ 30.00
U19 / 19H1	NOS	These are 19H1 Ediswan UK NOS rectifier. Possible alternative, not equivalent to U19I audio rectifier.	GB/WB	6
U19 / 19H4	NOS	EEV blue logo, UK made NOS 19H4. Printed CV2180. EEV was part of GEC. These octal base 19H4 are half wave rectifiers have AUDIO potential & some similarities to U19. U19 data: B4 base - Vf=4.0V, If=3300Ma, Va=2500V, Ik=250Ma. 19H4 data: octal base - Vf=2.5V, If=1700Ma, Va=20000V, Ik=30Ma 19H4	OB/I	10.00 2 @ 8.00 200 @ 5.00
U19 / 836	NOS	These are Cetron 836, USA made NOS with logo. Guaranteed. Audio rectifier. These 836 have some similarities to U19. U19 data: B4 base - Vf=4.0V, If=3300ma, Va=2500V, Ik=250Ma. 836 data: UX4 base - Vf=2.5V, If=5000Ma, Va=5000V, Ik=250Ma. Filament voltage AU5	OB/GVT	20.00 20 @ 12.50 80 @ 12.00

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
U19 / AU5	NOS	These are AU5 equivalent to CV1111 and VU111. UK NOS. Audio rectifier with some similarities to U19. U19 and AU5 are both B4 socket with top cap. A single high vacuum rectifier diode – can rectify 50Ma at 5,000 Filament voltage AU5 4V Filament voltage U19 4V Filament current AU5 1.1A Filament current U19 3.3A Max RMS INPUT AU5 5Kv Max RMS input U19 2500V Max PIV AU5 12.5Kv Max PIV U19 7.1Kv Max no-load PIV AU5 14Kv Max PIV (<10µs) 10.0Kv Max mean DC rectified current AU5 50Ma Max mean cathode current 250Ma Max peak anode current AU5 350Ma Max peak anode current u19 2A Max reservoir capacitor AU5 1.2µF Max limiting resistance AU5 4k ohm Min limiting resistance, including transformer resistance, in anode 250 ohms	OB/GVT	5.00 10 @ 4.75
U24	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	POA
U26	NOS	Mazda logo, UK NOS. A rectifier tube designed for television high voltage supplies.	Mostly GVT	1.20 100 @ 0.80
U31	NOS	Equivalent 25Z4. Hundreds of UK or USA NOS in stock.	Mostly GVT	3.20 100 @ 2.50
U37 / CV4061	NOS	GEC, UK NOS. Potential audio type. Nice 1970s vintage British made GEC Genelex CV4061. High voltage double diodes. Data U37: Vf = 1, 4V, If = 140 Ma, Va = 15000V, Ik=2Ma	GB	4
U50	NOS	MOV UK, NOS. Grey or black anode. Very rare item. Few pieces in stock this month.	OB/WB	60.00 4 @ 55.00
U50 / 5W4	NOS	USA NOS. These 5W4 USA are similar but not equivalent to U50.	OB/WB	4.60 20 @ 3.75
U50	GRADE 1	Marconi sticker or logo. Grade 1. Looks used but tests nearly new. Grey or black anode. Very rare item.	G1	40.00 5 @ TBC
U76	NOS	NOS West European.	OB/WB	5.75 50 @ 5.00
U101	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	POA
U191	NOS	Mazda logo, UK NOS. A rectifier tube designed for television EHT etc. We also have U301, that is similar not equivalent. Data: http://tubedata.philipse.info/ if you have difficulty please contact our office.	Most OB	3.20 200 @ 2.80
U801	NOS	Mazda logo UK NOS. 40 in stock.	OB/WB	8
UABC80	NOS	8 x Telefunken, 2 x Mullard, 2 x Marconi West European made. NOS.	OB/WB	12
UABC80	NOS	We have a British made UABC80 with yellow lettering from the Mullard Golden Jubilee year in 1969. http://www.r-type.org/exhib/ace0013.htm		
UAF42 / 12S7	NOS	These UAF42 have similarities to EF86. Philips NOS. West European made. A popular RF/IF amplifier tube. Rimlock B8A socket to fit from stock, ref SOC89SKS. Good quality B8A sockets are also made in China (socket fits UAF42, EL41, EF40, ECC40 & AZ41). UAF42 is a diode - pentode. The pentode section is similar to EF86. UAF42 data: heater 12.6v at 100mA, anode 200v, screen 85v. Grid -2V. Anode 5 mA. Emission 2.0 MA/V.	BP/WB	2.00 8 @ 1.34 80 @ POA
UB41	NOS	Mullard, West European.	OB	4.00 30 @ 3.50
UBC41	NOS	When available wholesale price is GBP7.00. NOS.	OB/WB	POA
UBC81	NOS	West European made NOS. Philips, plus some Mullard and a few Telefunken.	Most OB	5.00 5 @ 3.60 150 @ 3.25
UBF80	NOS	Bentley acoustic made in Russian. NOS guaranteed.	WB	3.00 5 @ 2.00 200 @ 1.80
UBF80	NOS	A small quantity of Mullard UK / Holland and Telefunken West German with ∅. Also enquire about 200 pieces Russian EBF80 at lower prices.	OB	3.00 Mullard
UBF89	NOS	500 pieces Bentley acoustic logo Russian. UBF89 equiv to 19FL8. The UBF89 is an RF or IF amplifier pentode with 2 diodes.	OB	2.40 10 @ 1.50 500 @ 1.20
UF89	NOS	Mullard or other West European made. NOS.	Most OB	6.5
UBF89	NOS	A small quantity of Mullard UK / Holland and Telefunken, West German with ∅. Also enquire about 200 pieces Russian EBF80 at lower prices.	OB	3

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UC92 / 9AB4	NOS	East Euro NOS.	OB/WB	5.00 8 @ 4.00 200 @ 3.60
UCC84	NOS	Mullard, Western European.	OB/WB	3
UCC85	NOS	RFT German made NOS. These are UCC85 which are a near equivalent to ECC85 but these UCC85s have a 26 volt heater. NOS Clean and all identical with guarantee. UCC85 data: Vf=26V, If=100ma, Va=200V, Ik=10ma, S=5.8Ma/V, Pa=2x2.5W. ECC85 Russian are becoming rare and expensive. Instead, we have large stocks of UCC 85 at bargain prices. More UCC85 data at the tubedata.itchurch website.	WB	4.00 100 @ POA
UCH11	NOS	RFT East German, NOS.	OB/WB	6
UCH11	NOS	Telefunken + other West German, NOS.	OB/WB	12
UCH42 / 14K7	NOS	Philips, West European NOS. A triode-hexode converter or amplifier / phase splitter tube. Rimlock B8A 89SKS socket to fit in stock.	OB/WB	4.50 20 @ 3.00 100 @ 2.50
UCH81	NOS	Tungsram Hungary NOS.	WB	4
UCH81	NOS	Tungsram Hungary NOS. These are bulk pack/egg crate.	BP	100 @ 2.20 each
UCL81	NOS	Glotron, German. NOS 1980s. A B9A signal amplifier and output triode, pentode. Operate voltage 170-200. They give 2.5 watts single ended. Vade mecum. Please add 0.25GBP per tube if white box required. Data http://frank.pocnet.net/vademecum5.html	BP	5.00 8 @ 4.50 300 @ 3.50
UCL82	NOS	Mullard NOS, Western European.	OB/WB	15
UCL82	NOS	2 or 3 Eastern European brands including Tungsram. Similar to ECL82 but different heater.	WB	10.00 10 @ 8.00
UCL83	NOS	Mullard, made in Holland. Similar to ECL83 but different heater. A signal amplifier and output triode - pentode. Operate voltage 170-200V. Would make a good single-ended or push-pull low power audio, guitar or headphone amp. Output is 2.5watts single-ended. Deduct 25 pence if you accept without a box.	OB/WB	5.00 10 @ 4.00 300 @ 2.00
UF41	NOS	Philips Miniwatt, NOS. West European. Tested.	OB/WB	7.00 50 @ POA
UF80	NOS	Bentley acoustic logo, East European.	OB/WB	2.75 10 @ 2.40 70 @ 2.10
UF85	NOS	Telefunken logo, West European with ϕ . Also enquire about 100 pieces Russian at a lower price.	OB/GVT	Telefunken 5.00
UF86	NOS	Mullard logo UK/Holland. NOS.	OB/WB	5.00 10 @ 2.40
UL11	NOS	Telefunken.	WB	POA
UL41	NOS	Mullard, Philips NOS.	OB/WB	25
UL41	NOS	Tungsram. Made in Hungary.	WB/OB	16
UL41	USED	Mullard, Philips. Used, tested.	OB/WB	12.5
UL41	USED	Tungsram. Made in Hungary. Used, tested.	OB/WB	8
UL41 / 10P13	NOS	These are 10P13 NOS, Mazda & other West European. 10P13 has a slightly different heater and base, compared to UL41, but this doesn't matter in AC/DC radio. 10P13 plugs in successfully to UL41 socket.	OB	8.00 10 @ 6.00
UL44	NOS	Mullard, UK/Holland with Mullard, logo.	OB	6.00 20 @ 3.50
UL84	NOS	East European manufacture. 100 pieces all the same appearance, new tested guaranteed. Deduct 25p if you accept in bulk pack / egg crate ie without white box.	OB/WB	8.00 30 @ 11.00 100 @ 10.00
UM4	NOS	Philips & other West European manufacture eg Mullard, NOS.	OB/WB	45
UM4	USED	Philips & other West European manufacture eg Mullard, used and tested.	WB	22
UM34	NOS	West Euro made. NOS	OB/WB	24
UM34	NOS	Various brands. NOS.	OB/WB	30
UM80	NOS	Mullard.	OB/WB	9.5
UL84	NOS	Mullard or Marconi UK NOS. Very small quantity.	OB/WB	20
UM84	NOS	Philips & other West European manufacture.	OB/WB	8.5
UR1C	NOS	Mullard, NOS. Like UY41 or U19 but much lower power. Half wave rectifier. B5 base. Data/photo http://www.r-type.org/exhib/aaa0644.htm	OB/WB	5.00 36 @ 4.00
UU3	USED	Mazda. UK made. Balloon shape. Used, tested.	WB	32.00 2 @ 30.00
UU4	GRADE 1	Mazda logo UK. Grade one.	G1	20
UU5	NOS	Mazda logo UK NOS. Genuine version with "8 hole anode". MU14 is equivalent but different anode design etc. These are genuine Mazda UK UU5.	OB/GB	25.00 4 @ 20.00 8 @ POA

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
UU5	GRADE 1	Mazda logo UK Grade One. Genuine version with "8 hole anode". Not new appearance but decent appearance.	G1	20.00
UU6	NOS	Mazda logo UK NOS.	OB/GB	22
UU7	NOS	Mazda logo UK NOS. Genuine version with "8 hole anode".	OB/GB	77
UU7	GRADE 1	Mazda logo UK. Tests as Grade One. Not new appearance but good appearance. Genuine version with "8 hole anode".	G1	40.00 3 @ 35.00
UU7	USED	Mazda logo UK. Used and tested. Genuine version with "8 hole anode".	WB	1 @ 35.00
UU8	NOS	Mazda UK NOS. Mazda octal socket to fit, from stock, ref SOC89MC.	OB/WB	30
UU9	NOS	MOV UK NOS. Equivalent EZ40.	OB/WB	5
UX-CV-11	NOS	1 only. United logo USA NOS is a 65 watt triode with a mu of 14 designed for full ratings to 30 MHz. Similar to a 211H. Max voltage = 1500, Max current = 150 ma, fil voltage = 10, Fil current = 2.5 amps. It's similar to a 211H, data http://frank.pocnet.net/sheets2.html	OB/WB	125.00 2 @ 120.00 4 @ 100.00
UY41	NOS	UK. NOS. Mullard or Mazda. Availability varies.	Most OB	9
UY82	NOS	Rectifier, near equivalent to UY85 Mullard, West European manufacture.	OB/WB	2.00 300 @ 1.50
UY85	NOS	Mullard/Philips West European. NOS.	OB/WB	12.00 10 @ 11.00
UY85	NOS	West European. NOS. Mullard, Mazda, Brimar, Siemens & MWT/Marconi.	Most OB	11.00 30 @ 9.00
UY85	NOS	East European NOS.	OB/WB	10.00 30 @ 8.00
V914	NOS	Mazda logo. UK NOS. Balloon shape. An indirectly heated double diode designed for HF signal detection. Data/photo www.r-type.org/exhib/aaa1005.htm	OB/WB	14.00 6 @ 13.00
VA216	NOS	UK. NOS.	Most OB	14
VA222A	NOS	Varian USA / UK NOS.	OB	175
VCR139A	NOS	GEC UK NOS. 2.5 inch screen. CRT. Equivalent to CV279 and CV1588. GEC UK NOS. 2.5 inch CRT.	OB	17.00 30 @ 13.00
VCL11	GRADE 1	Valvo. Tested as Grade One. 1 only in stock.	G1	37.5
VF14	USED	1piece only. Used and tested maybe available from our supplier.	WB	POA
VF14	NOS	Please consider EF14 , which is similar but has different heater voltage. VF14 is very scarce and expensive.		
VLS492AG	NOS	New old stock STC UK, CV1521, VLS492AG, CRT.	OB/WB	30
VMS4/VMS4-B	NOS	UK NOS, few pieces.	OB/WB	15
VMS4/VMS4-B	USED	UK. Used and tested, few pieces.	OB/WB	7.5
VP4B	USED	West European. Used, tested eg Mazda.	WB	10
VR91	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	POA
VR105-30	NOS	Equivalent to OC3 USA NOS, mix USA brands. Sylvania, Westinghouse, RCA. A gas discharge tube/voltage regulator. Needed for Leslie speakers. Leslie still make speakers fitted with OC3.	OB/WB	5.00 10 @ 4.00 50 @ 3.50
VR130	NOS	NOS. USA. Please enquire for a price.	OB/WB	In stock POA
VR150-30	NOS	Choose Westinghouse or Marconi, 100 of each. Canada. Unused but imperfect getter appearance. Equivalent to OD3.	OB	3.00 100 @ 2.00
VR150-30	NOS	USA NOS Westinghouse Marconi, GE & other USA made brands, 100 of each. USA good condition, NOS.	OB	5.00 100 @ 4.00
VR150-30	NOS	Visseaux logo, French made. NOS. Potential audio type. 150 all the same. For data & equivalents refer to VR150-30 Hytron paragraph, above.	GVT	7.00
VS10G	NOS	CV5290. Trochotron counting device. UK/USA NOS. Data: http://tubedata.philipse.info/ if you have difficulty please contact our office. If your hobbies include nixes, dekatrons, this might interest you.	GB	30.00 5 @ 25.00
VT5	NOS	Western Electric logo, in stock. Equivalent to WE 215A. 3 pieces. The first WECO tube is also called peanut-tube due to its small size; it was sold as 215A in the early 1920s. Photo http://www.radiomuseum.org/tubes/tube_vt-5.html	OB/WB	45.00 3 @ 40.00

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VT127A	NOS	EIMAC, Raytheon, NOS. Equivalent to 227A. USA brands. NOS. Vf 10.5 Volts, If 10.7A. VHF triode or audio power triode. *4 wires/prongs emerge from the glass* . Sometimes available.	OB/WB	50.00
VT52	NOS	Please refer to product code 45.		
VX64	NOS	Victoreen UK or USA made NOS.	GVT	5.00 60 @ 3.00
VX2630	USED	EEV T.W.T. Used but working and clean.	OB/WB	POA
VX8046	NOS	Mullard UK NOS. These CV466 are sub miniature wire ended audio pentodes. Good quantities available. Please enquire.	GB/WB	
VX8046	NOS	CV466 equivalent to VX8046		
VX8167	NOS	Mullard, 7 flying leads. Wire ended. May be equivalent to EL70. Data available on request.	GVT	POA 1,000 @ POA
VX9174	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	POA
W7-1D	NOS	UK/USA NOS. Good quantities in stock. Please enquire.	Most OB	POA
X65	NOS	GEC UK. NOS. Clear glass GT. We might have 100 pieces CV1193 equivalent.	GVT	4.80 100 @ 4.00
X65	NOS	GEC UK. NOS. ST shape. Includes VR99.	OB/WB	12.00
X78 or X79	NOS	Both are the same price. UK made. NOS.	OB/WB	12.00
XB1	NOS	Hivac USA. Barretter.	WB	3.50 1,000 @ 1.80
XC15	NOS	NOS USA / West Europe. 8 in stock.	OB/WB	4.00
XC12	NOS	UK / USA. NOS. All seem to be the same appearance. Deduct 25p, if you accept bulk pack/ egg crate instead of white box.	WB	3.80 200 @ 3.00
XC12T	NOS	NOS USA / West Europe. 18 in stock.	OB/WB	4.00
XC18	NOS	CV2486 UK/USA NOS. A cold cathode Nixie.	Mostly OB	9.00 60 @ POA
XC23	NOS	UK/USA NOS. Good quantities in actual physical stock. Please enquire.	Most OB	POA
XG2-500	NOS	Mullard, logo UK NOS. Near offers considered. Data is at CV1144 equivalent, on website. http://frank.pocnet.net/other/ServiceTypes/CVnumbers.html	OB	40.00 10 @ 30.00
XL635	NOS	EEV UK NOS. Glow modulator. Data from EEV catalogue available. 20 pieces in stock.	OB	300.00 20 @ POA
XP3402B	NOS	Mullard. Photo multiplier. End viewing. 2 inch multi-stage tube, UK NOS.	GB	50
XR1-1600A	NOS	Mullard, Philips & other West European made. 6 pieces NOS.	OB/WB	50
XR1-3200	NOS	Mullard, Philips & others. NOS stock.	OB/WB	POA
XR1-6400	NOS	Mullard, Philips & others. NOS stock.	OB/WB	POA
Y11-2741	NOS	NOS West European made. Thompson.	OB/WB	20 @ POA
Y11-2424	NOS	NOS West European made. Thompson.	OB/WB	20 @ POA
Y63	NOS	Magic eye West European made NOS. Refer to Y65 equivalent.	OB/WB	15.00
Y65	NOS	CV51 magic eye. GEC UK made NOS. Octal base tested new and unused. Some similarities to EM34 but not equivalent. You can buy adapters for this on the www. CV51/Y65/Y63 plus an adapter makes a plug-in replacement for EM34. NOS. Please note bulk offers have reduced slightly.	GB	14.00 20 @ 11.00
Y739F	NOS	Eimac USA NOS. Tested, With guarantee. Made In 1994. New and unused. Price negotiable.	OB	POA
Y799	NOS	Eimac. NOS.1990s made. Similar to 4CX250B but Y799 has a heat sink, instead of radiator fins. Y799 is an ideal audio power amplifier, high current. It cools via a heat sink which avoids usage of noisy fans. Data/photos of 4KC160/Y799 at www.r-type.org/exhib/aaa1240.htm . Y799 is equivalent to CCS eev.	OB	32.00 40 @ 25.00
Y799	USED	Eimac. 1990s made. Clean tested used. Decent appearance. Similar to 4CX250BC.	WB	16
Y808	NOS	Eimac, USA NOS. With guarantee.	OB	32
Y825	NOS	Eimac, USA. With guarantee. Tested as new. Offers considered if taking all.	GVT	400.00 10 @ 300.00
Y825	NOS	Eimac, USA NOS. With guarantee.	GVT	POA
Y853	NOS	Eimac NOS.	OB/WB	POA
YC233	NOS	CPI/Eimac. USA. NOS. 2 pieces in stock.	WB	OFFERS

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YD1051	NOS	Siemens or Philips West Europe. NOS. Coaxial triode Data www.radiomuseum.org/tubes/tube_yd1051.html	OB	22.00 60 @ 17.00
YD1051 / 6816	NOS	AEG German NOS. Coaxial triode. Data www.radiomuseum.org/tubes/tube_yd1051.html	OB	30.00 50 @ 22.00
YG1000	NOS	Telefunken NOS. Directly heated electrometer tetrode with oxide cathode and space charge grid, grid current ≤600 Aa, magnoval base with input grid on top cap.	OB	16.00 35 @ 13.50
YL1000	NOS	Mullard, UK Holland. Equivalent 8463	OB	16.00 10 @ 13.50
YL1080	NOS	Mullard logo UK NOS. Equivalent 8348.	Most OB	20
YL1101 / 6816	NOS	RTC Holland NOS. Coaxial tetrode; 115W Pa, 1.2GHz. Data https://www.radiomuseum.org/tubes/tube_6816.html	OB	36.00 20 @ 30.00
YL1150	NOS	Mullard, UK Holland NOS. Huge possible audio tetrode/ strap it up as a triode. 75W Pa, 200W in AB1 at 600V, with G2 250V, gm 35. Data: http://tubedata.philipse.info/ if you have difficulty please contact our office.	OB/WB	150
YL1190	NOS	Mullard, UK Holland. Equivalent 8580. Possible audio double tetrode with an instant heating 1.1v heater. Also suits mobile RF transmitter finals.	OB	13.00 50 @ 10.00
YL1240	NOS	Mullard UK Holland. Equivalent 8548.	OB	12.00 10 @ 10.00
YL1250	NOS	Philips NOS. UK Holland. Equivalent to 8505. Data http://www.dl7avf.info/charts/rohren/penrfpa.html#YL1250	OB	14.00 50 @ 11.00
YL1440	NOS	Philips NOS. UK Holland. 2.4kw VHF air cooled power tetrode. Suitable as a linear broad-band amplifier in TV transmitters in band I and III, or AM/FM broadcast, TV transporter Service. Data on request.	WB	175.00
Z2B	NOS	RWN East German manufacture, brass base. Socket 7E2D to fit this valve in stock.	WB	16.00 12 @ 16.00
Z2B	GRADE 1	RWN East German manufacture, brass base. Tested as Grade One.	G1	12.00
Z2C	NOS	RWN East German NOS. Socket 7E2D to fit this valve in stock. Audio rectifier.	WB	40.00
Z2D	NOS	Siemens West German NOS. Socket 7E2D to fit this valve in stock. Audio rectifier.	WB	40.00
Z2E	NOS	Siemens West German NOS. Socket 7E2D to fit this valve in stock. Audio rectifier. Data on request.	WB	40.00 6 @ 30.00
Z300T	NOS	Mullard logo, UK. NOS cold cathode tube or Thyatron, similar to OA4G.	OB/WB	5.00 50 @ 4.00
Z300T	NOS	Mullard, logo UK NOS. Thyatron. Equivalent to PL1267, 1267, OA4G, RL1267. Data: http://tubedata.philipse.info/ if you have difficulty please contact our office.	OB/WB	8.25 10 @ 5.50 50 @ POA
Z303C	NOS	Mullard, logo UK NOS. Dekatron. When available. Data: http://tubedata.philipse.info/ if you have difficulty please contact our office.	OB	POA
Z319	NOS	Audio type. Equivalent to CV2276. 6351. NOS. UK made STC or ITT. Most have logo. NOS. A high gain B9A secondary emission pentode. Data www.r- type.org/exhib/aa0023.htm	Mostly GVT	4.50 100 @ 3.25
Z502S	NOS	UK NOS. Dekatron. Maybe equivalent to GC1C/S. Data: http://tubedata.philipse.info/ if you have difficulty please contact our office.	OB/WB	12.00 5 @ 10.00
Z520M	NOS	Mullard, NOS. Nixie tube. Maybe equivalent to ZM1020, Z560M? This display tube has 10 shaped anodes, each shaped as a digit from 0 to 9. Operating voltage 150V. End window is 29mm diameter, 25mm long excluding pins. Data/photo http://www.r-type.org/	OB	12
Z520M	NOS	We may have 10 pieces each of the following Nixie tubes. NOS. Z520M, ZM1022, GC10B.	OB/WB	12
Z700U	NOS	Mullard (and a few Philips, West European made).	OB/WB	1.20 80 @ 0.80 300 @ 0.70
Z759	NOS	These are Z759 GEC sticker or GEC logo. 10 printed Z759. 70 printed CV5235. 120 printed CV5060. UK NOS. Tested/guaranteed. *Z759 has similarities to 3A-167M, D3A, 417A, EF86 and 5842, but not equivalent*.	OB/GVT	10.00 10 @ 9.00 70 @ 8.00
Z759	USED	GEC logo UK. Used, tested, guaranteed CV5060. This is Z759 not Z729.	OB/GVT	6
Z803U	NOS	Mullard, logo, UK, NOS. Suitable for audio compressors. Bargain price. Data www.tubedata.org	OB	5.00 10 @ 4.50 100 @ 3.90
Z803U	NOS	West European including Mullard.	OB/WB	5.00 100 @ 4.50
Z806W	NOS	West European including Mullard.	OB/WB	5.00 100 @ 4.50

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TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
ZA1000	NOS	West European including Mullard.	OB/WB	5.00 100 @ 4.50
ZM1000	NOS	West European, Philips, NOS.	OB/WB	21.00 15 @ 20.50
ZM1020	NOS	Telefunken Mullard etc logo West Europe NOS. Nixie tube. This maybe a near equivalent to ZM1022, Z560M or Z520M. Data on request.	OB/WB	16
ZM10323	NOS	UK or USA made NOS. Nixie tube. Data https://frank.pocnet.net/sheetsZ.html	OB/WB	20.00 4 @ 16.00
ZA1020	NOS	RTC West European made NOS. Seems to be a high voltage stabiliser, looks similar to 85A2. Data is on page 22 of this link or ask our office for data.	WB	3.00 10 @ 2.40 400 @ 2.00
ZM1021	NOS	Alias CV8572 Telefunken Mullard etc, West Europe NOS. Nixie tube.	OB/WB	12.00 20 @ 10.00
ZM1021	NOS	Telefunken, Mullard etc, logo West Europe NOS. Nixie tube. This maybe a near equivalent to ZM1022, Z560M or Z520M. Data on request.	OB/WB	15.00 20 @ 13.00
ZM1022	NOS	Telefunken, Mullard etc, logo West Europe NOS. Nixie tube. This maybe a near equivalent to ZM1022, Z560M or Z520M. Data on request.	OB/WB	16
ZM1022	NOS	Telefunken logo West Europe NOS. Nixie tube. This is maybe a near equivalent to ZM1020, ZM1022, Z560M or Z5600M Z520M. This display tube has 10 shaped anodes, each shaped as a digit from 0 to 9. Gas discharge around the chosen anode indicates the value chose. Operating voltage 150V. End window is 29mm diameter, 25mm long excluding pins. Photo/data for Z520M a similar item www.r-type.org/exhib/aabo156.htm	OB	20.00 20 @ 17.50
ZM1022	NOS	West European NOS. 15 pieces should be in stock.	OB/WB	POA
ZM1040	NOS	These nixies are partly similar to 8421/5092A, but different pinout. The lit digits are +175VDC with 39K in series. They are very bright, but require little energy. 13 pin round sockets. Giant vertical view tubes, with red contrast filter.	OB/WB	POA
ZM1080	NOS	Mullard, NOS. 17 pieces. West European made. Nixie tube. Data http://frank.pocnet.net/sheets/013/z/ZM1080.pdf	OB/WB	12.00 17 @ 10.00
ZM1162	NOS	Mullard logo, West Europe, NOS. Nixie tube.	OB	16.5
ZM1162	USED	Mullard logo, West Europe, used but guaranteed. Nixie tube.	OB	8.50 5 @ 7.50
ZM1180	NOS	Siemens West Europe NOS. Nixie tube. Data on request.	OB/WB	22.00 5 @ 20.00
ZP1550	NOS	Geiger Muller Counter Tubes by Centronic. Equivalent to MX188 Mullard, NOS/ new guaranteed. UK or USA made.	OB	55.00 35 @ 45.00
ZZ1000	NOS	Mullard, West Europe.	OB/WB	5.00 10 @ 4.00
ZZ1040	NOS	Siemens West Europe. NOS Voltage Regulator. Photo http://www.radiomuseum.org/tubes/tube_zz1040.html There is some flexibility on ZZ1040 prices.	OB/WB	5.00 5 @ 3.00 80 @ 2.50

BILLINGTON EXPORT LTD

Specialists in vintage, rare and obsolete
tubes and valves for audio and industry

**WHOLESALE SOCKETS & MORE CATALOGUE
MARCH 2026 v1**

www.billingtonexportltd.com

Established 1981

+44 (0)1403 784 961

Our preferred contact method is via :

sales@billingtonexportltd.com

please as we need to check stock, prices & data which unfortunately cannot be done
whilst you wait on the phone, so email communication is preferred, thank you.

Please email or telephone, for prices and availability

THE SOCKETS & MORE CATALOGUE

- 1. DISPLAY ITEMS**
- 2. CAPACITORS**
- 3. TOROIDAL TRANSFORMERS**
- 4. SOCKETS**

For terms and conditions, plus further information,
please see the Introduction to our Valves Catalogue available at:

<https://www.billingtonexportltd.com/catalogue-1>

THE GRADE IS COLOUR CODED FOR EASE

BLUE = NOS (MAJORITY OF STOCK). The whole line is in blue

BLACK = USED

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WHOLESALE SOCKETS & MORE CATALOGUE, MARCH 2026 V1

1) DISPLAY ITEMS - NOT WORKING - FOR DISPLAY ONLY

GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
USED NOT WORKING	In stock. Various large valves/ Klystron/ Thyratrons/ TWT etc that are used, decent appearance, untested and sold as DISPLAY ITEMS only. NOT WORKING. Photos: ask us. Data may exist at http://www.r-type.org/search.php . Items like this include 5C22, 5949, CX1559, CX1140, 6975, CV2298, CV6117, CV6223, CV360, CV447, ACT28/CV2163, ACT6, ACT9. Many of the above items are more than 12 inches / 30cm tall. You can see photos of these items that are new and working, on our website or eBay page. Alternatively photos can be emailed to genuine customers. What we are supplying in this price bracket, are used, decent appearance and tested.	OB/WB	POA
USED NOT WORKING	More large valves / Klystron / Thyratrons / TWT etc that are used, decent appearance, sold as display items. Items include: CV360, CV6173, CV2298, CV6107. Prices between GBP15 plus VAT and post up to GBP30 plus VAT and post. Photos: ask us or http://www.r-type.org/search.php OR put into Google, the words "tube XYZ, radiomuseum.Org". Many of the above items are more than 12 inches/30cm tall. Decent appearance.		POA 30 @ POA
USED NOT WORKING	TP1-15/20, 50cm tall! Probably NOS and unused but sold as not working, for display only. 6 AMP 15,000V, Russian Thyatron. Own a fascinating piece of history, to put in your bookcase! Photo/data available quickly on request. Overseas post is expensive due to tall size. Collection possible, strictly by prior appointment.	WB/ optional wooden crate	20.00 4 @ 18.00
NOS	TP1-15/20 NOS and unused, guaranteed. 6 AMP 15,000V, Russian Thyatron. Cathode type oxide, indirect heating. Filament voltage, V 5. Filament current, A 16-23. A-C voltage, V 18. Grid voltage, V minus 30-5. Max. average cathode current, A 20. Max. reverse voltage, kV 15.		1kg weight but overseas post is expensive due to tall size

2) CAPACITORS

TYPE	GRADE	COMMENT	BOX	£ GBP PRICE each Any price breaks
Oil Fill Paper Block Capacitors	NOS	We have the following oil filled paper block capacitors: 1MFD @ 440 volts / 2MFD @ 220 volts / 2MFD @ 250 volts / 2MFD @ 400 volts. These are NOS, clean, tested/guaranteed. They are made by Dubilier or TCC in England. Great for audio amplifiers.		12.00 bulk @ POA

3) TOROIDAL TRANSFORMERS

OUR REFERENCE	AMPLINO CODE	COMMENT	BOX	£ GBP PRICE each Any price breaks
COMPMT101	XA261	Toroidal power transformer for audio amplifiers, made by Amplimo in Holland to EN61558 121VA. Diameter 98mm / Height 48mm / weight 1.4kg Primary 2 x 115V Secondaries 300V/310Ma; 6.3V/4A; 10V/0.1A; 20V/0.1A. Data sheet & photo available on request	OB	42.40 15 @ 35.00

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COMPMT102	38010	Toroidal power transformer for audio amplifiers, made by Amplimo in Holland to EN61558 80VA. Amplino code 38010 Diameter 91mm / Height 35mm / weight 0.9kg Primary 230V. Secondaries 2 x 6V/6.67A. Data sheet & photo available on request.	OB	25.00 7 @ 20.00
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4) SOCKETS

We can usually supply top caps and sockets for every valve listed in our valve catalogue on a separate tab.

Most supplies are from stock, however there may be some delay on very rare types.

Photographs of most of the following sockets can be sent to you by e-mail or post/airmail.

SPECIAL ITEMS

TYPE	ORDER CODE	COMMENT	BOX	£ GBP PRICE each Any price breaks
4CX250B	SOC84CX	UK or USA socket for 4CX250B. Used but clean and guarantee. We might be able to obtain new versions at a higher price.	BP	30.00
4CX250B	SOC84CX CH	UK or USA chimney socket for 4CX250B. Used but clean and guarantee. We might be able to obtain new versions at a higher price.	BP	15.00
4CX1000A			BP	POA
833A	SOC833	Socket for 833A. Chinese. Ceramic ring with 2 metal clips. Nice quality, current production item. We have top caps/anode caps for 833A, refer to TOP805. This socket fits 833A & GU48. Plated contacts, good tight contact with valve pins.	BP	20.00
Fits 6111	SOC86111	Ceramic moulded PCB. Fits wire ended flying lead valves such as 6111 and 6112. NOS. West European made	BP	2.50

4 PIN SOCKETS

TYPE	ORDER CODE	COMMENT	BOX	£ GBP PRICE each Any price breaks
SK600	SK600	Ceramic chimney. Suits the sockets for 4CX250B. Eimac USA made NOS clean guaranteed.		20.00 6 @ 10.00
SK600	SK600	PTFE chimney. Suits the sockets for 4CX250B. USA made NOS, store soiled appearance but NOS and guaranteed.		12.00 60 @ 8.00
SK610 Fits CV57	SOC457	Chassis mount. NOS clean, UK, guaranteed. Fits CV57.	OB/WB	30.00 5 @ 20.00
SK700		Sockets for 4CX250B. Eimac USA made NOS clean, guaranteed. 6 pieces. Offers considered.	OB	50.00 6 @ 40.00
5C22	SOC4 – 5C22	New 4 pin socket for 5C22.	GVT	49.00
4212E	SOC47E	Chassis mount, black material. The phosphor bronze contacts withstand high voltages. Fits 4212E. Handmade in the UK exclusively for Billington BUT we no longer make this item. 2 pieces only.	BP	55.00
B4	SOC4B4 / B5B	Chassis mount, black material, bronze pins. Handmade in the UK exclusively for Billington. Fits PX4, PX25, ML6, 3A-110B, etc. Please note we no longer make this socket, only limited quantity left in stock.	BP	When available
B4	SOC4B4 / B5C	Chassis mount Chinese white ceramic. Use with ML6, PX4, PX25.	BP	3.00
B4	SOC4B4 / B5V	Chassis mount. Vintage UK made.	BP	7.50
DA100	SOC45DA	4 pin, black amphenol with phosphor bronze contacts. Fits DET25 and DA100.	BP	POA
JUMBO 4 PIN	SOC41C	Ceramic, for 211, 845, VT4C etc. Chinese manufacture, current production. New and clean.	BP	8.00
JUMBO 4 PIN	SOC41US	Johnson USA made, jumbo bayonet, ceramic socket for 211/845. Used but decent condition, working. Terminals with nuts are all fine. Porcelain glazed top and sides, phosphor bronze contacts.	BP	15.00 4 @ 12.00
JUMBO 4 PIN GOLD	SOC42G	Contacts and pins both gold plated for 211, 845. Chinese manufacture.	BP	11.00
7092	SOC4-7092	Fits 7092 and TB5-2500 Chinese manufacture. New, good quality.	BP	75.00

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SOCKETS 4

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UV4	SOC4-110A	UV4 socket, not UX4. Asian manufacture. This is the perfect correct fitting for 3A-110A, 4020A & some WE types.	BP	25.00
UX4	SOC4XU	Ceramic, vintage USA manufacture UX4 socket. Suits 2A3 300B etc	BP	5.00 10 @ 4.00
UX4	SOC43GC	Ceramic, non-skirted, gold plated, for 2A3, 300B, 811A, SV811-3 and SV811-10 etc. Chinese manufacture.	BP	2.30
UX4	SOC43NS	Ceramic, non-skirted, for 2A3, 300B, 811A, SV811-3 and SV811-10 etc. Chinese manufacture.	BP	1.30
UX4	SOC43S2	Ceramic, non-skirted, for 2A3, 300B, 811A, SV811-3 and SV811-10 etc. Chinese manufacture. New design, the appearance is more similar to vintage UK / USA made, ceramic insulator, silver colour metal flange.		2.75
UX4	SOC43SC	Amphenol USA made. Skirted, 4 pin attractive white ceramic. Large skirted 300B socket. NOS, Unused, slightly store soiled. Looks like it will be suitable for high-power 300B or other high power application.	BP	6.20 30 @ 4.50
UX4	SOC43SG	Ceramic, non-skirted, for 2A3, 300B, 811A, SV811-3 and SV811-10 etc. Chinese manufacture. New design, the appearance is more similar to vintage UK / USA made, ceramic insulator, gold colour metal flange.		3.50
UX4	SOC43USAB	Chassis mount, very high quality USA made. NOS. Black plastic or black amphenol construction. Resists high temperature and high voltage, suitable for 300B & other high power tubes including 2A3.	BP	5.00 16 @ 4.00
UX4	SOC44LOK	Skirted, attractive white glazed ceramic. Large locking type 300B socket.	BP	POA

5 PIN SOCKETS

TYPE	ORDER CODE	COMMENT	BOX	£ GBP PRICE each Any price breaks
4-1000A	SOC5 – 4	New 5 pin socket for 4-1000A, 3-1000Z and 5868 . 10 or more in stock. Ceramic and shiny metal.	GVT	49.00
B5	SOC4B4 /B5A	Chassis mount black high temperature material with grey metal contacts. Suitable for ML4.	BP	POA
B5	SOC4B4 /B5B	Chassis mount, black material bronze pins. Handmade in the UK exclusively for Billington's. Fits PX4, PX25, ML6, 3A-110B, etc.	BP	5.00
B5	SOC4B4 /B5C	Chassis mount, Chinese white ceramic. This B5 socket can also work as a B4 socket without any changes. Fits ML6, PX4, PX25, 3A-110B.	BP	2.50
B5F	SOC5FB USED	Ceramic UK made socket for TY4-400. Clean ex-equipment with guarantee.	BP	12.00 10 @ 10.00 50 @ 7.00
NUVISTOR	SOC54NC	Chassis mount USA manufacture. Fits 6CW4, 7586 etc. These are unused, but store soiled from 30 years storage. Mixed USA brands. Very rare!	BP	10.00 110 @ 9.00
NUVISTOR	SOC54NC USED	Chassis mount USA manufacture. Fits 6CW4, 7586 etc. These are used, but fair appearance. Mixed USA brands. Very rare!	BP	7.00 10 @ 6.00
PO5	SOC5PO	Chinese made. Suits Aa, Ba, Ca, Da. We no longer make Bronze pin sockets in UK. These are Chinese ceramic construction.	BP	4.00 10 @ 3.50
UX5	SOC51UX	Chassis mount, black amphenol. UK manufacture. Store soiled. Fits 807, 24, 27.	BP	1.00
UX5	SOC52NSC	Chassis high temperature, glazed ceramic material. Chinese. For 807 etc.	BP	2.20

6 PIN SOCKETS

TYPE	ORDER CODE	COMMENT	BOX	£ GBP PRICE each Any price breaks
UX6	SOC61	Chassis mount. USA black Amphenol. Mixed brands. New, but store soiled. Suits 310A & other USA valves.	BP	5.00 20 @ 4.00
UX6	SOC66CN	Chassis mount. Chinese, white ceramic. Use for 310A and other USA valves.	BP	3.00

7 PIN SOCKETS

TYPE	ORDER CODE	COMMENT	BOX	£ GBP PRICE each Any price breaks
813	SOC72CH	Ceramic, large, heavy. Chinese.	BP	3.50

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SOCKETS 5

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B7	SOC7PT4	Refer to B7 Chinese. SOC 7PT4C.	BP	
B7	SOC7PT4C	Chassis mount, Chinese made, ceramic socket. Fits 11E3, KT41, KT44, FC4, PT4, 3A-172B, MHD4, SP2, SP4.	BP	3.33 4 @ 3.00
B7A/ SEPTAL	SOC71CX	Chassis mount, Chinese manufacture. For use with QQV03-20A, QQV06-40, 6C33CB, 13E1, etc. Glazed white ceramic, pleasant appearance	BP	3.50
B7A/ SEPTAL	SOC71-EU	Chassis mount, believed to be West European manufacture. Fantastic quality. Heavy duty white ceramic. Fits 6C33CB, 13E1, 829A, 832A. 2 large pin holes.	BP	5.00 6 @ 4.50
B7A/ SEPTAL	SOC71WC	Chassis mount, believed to be UK manufacture. Fantastic military quality. Brass colour flange, white, very high temperature material believed to be PTFE. Fits 6C33CB, 13E1, 829A, 832A, RS1009/19, 3E29 etc.	GVT	When available
B7A/ SEPTAL	SOC71-WE	Chassis mount, believed to be West European or USA manufacture. Fantastic quality. White ceramic. Fits 6C33CB, 13E1, 829A, 832A. 2 large pin holes.	BP	10.00
B7G	SOC7	Chassis mount, socket for PTT100 / Bi, in stock.	BP	POA
B7G	SOC7BG92	Chassis, PTFE white high temperature material. Skirted. UK or USA made for UK military.	BP	1.50 100 @ 1.00
B7G	SOC7BG93 SOC7BG94	Chassis mount, West Europe/ USA manufacture. Identical, clean and guaranteed. Either brown [7BG93] or black [7BG94]. A high quality military item with Skirt for fitting the screening can.	BP	0.80 200 @ 0.40
B7G	SOC7CPC	Chinese, ceramic. Fits 85A2 6C4 6AB4.	BP	0.40 100 @ 0.27 1,000 @ 0.22
B7G	SOC7C	Chassis mount Chinese. Ceramic	BP	0.80 500 @ 0.45
B7G	SOC7CPCan	Chassis mount, ceramic, with 55mm screening can. The can / shield fits 6AU6 6Z4 6X4.	BP	1.20 10 @ 1.00 400 @ 0.75 1,000 @ 0.65
B7G	SOC7CPCUK	PCB, NOS black material. Believed to be UK made. Unskirted.	BP	1.00 500 @ 0.70
B7G	SOC75B	Chassis mount, black, McMurdo UK manufacture. Larger diameter.	BP	0.83 200 @ 0.45
B7G	SOC75C	Chassis mount, brown, McMurdo UK manufacture. Top mount.	BP	0.80 100 @ 0.40
B7G	SOC75CA-TM	Chassis mount, Ediswan UK made, top mount style.	BP	0.80
B7G	SOC75CA-TM	Chassis mount, West Europe UK made, top mount style.	BP	0.80
B7G	SOC75Cr	Chassis mount, West Europe UK made, shock mount style.	BP	0.08
B7GCAN	Can.shield.B7 gmix	B7G screening can, tube shield, Some fit 6AM5 6AM6 EF91 EF92 EF95. Some fit OA2 OB2 or other size. Used but clean and guaranteed. UK or USA manufacture. Some are Silver coloured metal, some black coated metal. Spring inside. At this price no "picking and choosing", sorry. Sold as they come. Minimum order 20 pieces for this item.	BP	20 @ 0.70 100 @ 0.50
B7G CAN	CAN SHIELD B7GS	B7G screening can, tube shield, fits 6AM5 6AM6 EF91 EF92 EF95. Used but clean and guaranteed. UK or USA manufacture. Silver coloured metal. Spring inside.	BP	1.80 50 @ 1.20
B7G CAN	CAN SHIELD B7GB	B7G screening can, tube shield, FITS 6AM5 6AM6 EF91 EF92 EF95. Used but clean and guaranteed. UK or USA manufacture. Black coated metal. Bronze Spring inside.	BP	1.80 50 @ 1.20
B7G CAN	CAN SHIELD B7GV	B7G screening can, tube shield, NOS. Military spec. (Suit 6C4 85A2 2D21 6AS6 size). Suits skirted based. UK or USA made, black coated, fantastic quality, 50mm tall, copper spring in the top of the can. Attractive appearance, you can still see your valves lit up through the vents of this screening can.	BP	1.50 10 @ 1.00 50 @ 0.90
B7G	SOC77WC	Chassis mount, wafer style, brown, Philips, USA NOS.	BP	0.40 100 @ 0.35
SM7	SOC75S	Chassis mount McMurdo USA.	BP	0.70
SPECIAL	SOC7E2D	Chinese ceramic socket. Super quality fits E2C, E2D, Z2B, C3B, C3D, EC, ED, E2B etc. New, guaranteed.	BP	3.50 70 @ 2.80
UX7	SOC7XC	Chassis mount, ceramic. Chinese. Used for CV18, DET19, 2C34.	BP	2.40

8 PIN SOCKETS - other

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SOCKETS 6

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PLEASE ADD 50% RETAIL SURCHARGE FOR ORDERS UNDER GBP240.

TYPE	ORDER CODE	COMMENT	BOX	£ GBP PRICE each Any price breaks
Octal base	SOC8-EL34-BASE	Black Bakelite base for an EL34 tube. Please refer to ebay photo. This is a tube base, not a socket.	BP	5.00 20 @ 3.00 100 @ POA
833A	SOC833	Chinese. Ceramic ring with 2 metal clips. Nice quality current production item.	BP	15.00
B8A	SOC89SK	Black plastic. New but store soiled appearance. Believed USA made.	BP	POA
B8A	SOC89SKC	Rimlock Socket. Fits EL41, UAF42, UCH42, EF40 and ECC40. New Chinese made. Ceramic.	BP	5.00 10 @ 3.00 100 @ 1.60
B8A	SOC89SKS	Fits valves such as EF40 and ECC40. NOS. West European made. White ceramic.	BP	6.00 No bulk offer
B8A	SOC89SKS	Fits EF40, ECC40 etc. New Chinese ceramic.	BP	2.60
CT8	SOC8SC	Improved spring contacts in phosphor bronze. Handmade in the UK for Billington.	BP	POA
CT8	SOC8SCH	Side contact socket for AZ1, AD1, AL4, EL6, EL8, EF9 and all other side contact valves. Chinese made.	BP	3.00
LOCTAL		B8G/ B8D - fits 3A-167M, 5B-254, 5B-255M, 7S7, 7N7, 7C7, EL22, EF22, ECH21, 14N7, 14F7 etc.		
LOCTAL	SOC88NCS	Refer to 89LC	BP	
LOCTAL	89L	Chassis mount B8G/B8D socket. UK MADE NOS PTFE. Fits 3A-167M, 5B-255M, 7S7, EF22, ECH21. Brass colour flange. High quality military item. Silver plated pins. New but store soiled.	BP	3.10
LOCTAL	SOC89	Chassis mount B8G/B8D. Fits 5B-254/5. West European NOS.	BP	4.50
LOCTAL	SOC89	As above, but some may be store soiled.	GVT	POA
LOCTAL	SOC89LC	Chassis mount B8G/B8B. Chinese made. Nice quality and great appearance. White ceramic insulator. Shiny silver colour metal flange. Fits 3A-167M, 5B-254, 5B-255, 7S7, 7N7, EL22, EF22, ECH21, 14N7, 14F7 and C3M.	BP	1.50
LOCTAL	SOC89LW	Chassis mount, Philimore UK made, wafer construction. B8G/B8B socket. Fits 3A-167M, 5B-254, 5B-255, 7S7, 7N7, EL22, EF22, ECH21, 14N7, 14F7 and C3M.	BP	0.90 30 @ 0.65
Mazda OCTAL	SOC89MC	Mazda Octal Socket. Alias MO8. Fits SP41 SP42 SP62 VP41 PEN25 CV1331 chassis mount Chinese made. Nice quality. Do not confuse this with normal octal socket, it has different pin size etc.	BP	1.50
PLUG	SOC8-Plug	Cinch octal plug. Plug and 7 pins riveted to a Bakelite disc that has 4 perimeter scallops. Height 25mm including pins & central blade. Diameter 32mm, tabs 4 x 3mm. Pin 2 is missing. When available.	BP	POA
SPECIAL	SOC8SK660	Chassis mount, Eimac USA made socket. Eimac name is SK660. White ceramic. Believed to be for 8560A and 4CX350A tube. Vintage NOS. 2 pieces. Offers considered.	WB	2 @ 50.00

8 PIN SOCKETS OCTAL Chassis

TYPE	ORDER CODE	COMMENT	BOX	£ GBP PRICE each Any price breaks
OCTAL		For 6L6GC, 6550, EL34, GZ32, KT33C, KT66, KT88, etc.		
OCTAL	82BC	Chassis mount. Brown Bakelite. Ediswan UK. NOS.	BP	6.00
OCTAL	SOC8AUSA	Under Chassis mounting, USA made. NOS. Black Amphenol. 8 pin plastic bottom mount 1 inch chassis hole. 1 3/8 inch mounting centres.	BP	2.50 200 @ 2.00
OCTAL	SOC8BLC	Chassis mount, black insulator. NOS USA manufacture. These are in "kit form" black socket, silver coloured flange and a mounting ring. They take less than 2 minutes to assemble each socket.	BP	2.00 30 @ 1.25 200 @ 0.80
OCTAL	SOC8CCC	Chassis mount, modern Chinese. White ceramic, oval lozenge shape ceramic body. 45mm between fixing holes.	BP	0.70 300 @ 0.60 400 @ 0.52
OCTAL	SOC8GF	Octal socket, chassis mounting, new. Made in Japan in 2024 to the highest standards. These white sockets are 95 percent ceramic of alumina. Thermal conductivity is much higher than typical steatite ceramic, which keeps the sockets and tubes cooler, thus enhancing audio quality. ROHS compliant.	BP	6.25 10 @ 5.30

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PLEASE ADD 50% RETAIL SURCHARGE FOR ORDERS UNDER GBP240.

OCTAL	SOC8JBLK	Octal socket, chassis mounting, new. Made in Japan this year to the highest standards. Black sockets are 95 percent ceramic of alumina. Thermal conductivity is much higher than typical steatite ceramic, which keeps the sockets and tubes cooler, thus enhancing audio quality. ROHS compliant.	BP	3.25
OCTAL	SOC8M	Octal socket. Black shrouded material. UK or USA. NOS.	BP	4.00
OCTAL	SOC8UKC	Octal SOC8UKC Chassis mount, antique English made. NOS. White ceramic, oval metal flange. 45mm between fixing holes.	BP	10.00 @ 8.00
OCTAL	SOC8UKC	Chassis mount, antique UK English made. Used. White ceramic, oval metal flange. 45mm between fixing holes. Used but inspected, guaranteed and tidy.	BP	5.00 16 @ 4.00
OCTAL	SOC8USAC	Chassis mount, antique USA made. Used, clean, guarantee. White ceramic, oval metal flange. 45mm between fixing holes.	BP	3.00 16 @ 2.50
OCTAL	SOC8WA	Chassis mount, USA NOS, wafer construction. 300 pieces may exist ask for bulk prices	BP	0.70
OCTAL	SOC84	Chassis mount, Chinese, white ceramic, gold pin and mounting bracket. Fits 6L6, 6V6, EL34, 6550, KT88, etc, with slit-fork style gold plated brass contacts for good tight contact with tube pins. These fit in holes as small as 1 inch, mount from underneath the chassis, and have slots in mounting bracket for mounting holes approx 1 3/8 inch (35 mm) apart.	BP	1.40 100 @ 0.93
OCTAL	SOC88CC	Chassis mount, Chinese. White ceramic, bracket fixing. We have a larger stock of SOC88NB near equivalent.	BP	0.70
OCTAL	SOC88N	Chassis mount, white ceramic, bracket fixing, split terminal. Chinese	BP	1.30
OCTAL	SOC88NB	Chassis mount, white ceramic, bracket fixing. Chinese.	BP	1.30 100 @ 0.83
OCTAL	SOC88NC	Chassis mount Chinese. Ceramic octal.	BP	1.30 100 @ 0.83
	SOC86111	Wire ended universal. Fits all wire ended. Ceramic moulded PCB. Fits wire ended flying lead tubes. NOS West European made. This is a 9 pin socket, but would also suit. 8 pin, 7 pin, 5 pin or other wire ended sockets. Wire ended types in our stock include Cv4033, CV4034, CV4051, CV4052, CV4056, DF61, 5977, 5744, 6112, EF72, EF73, CV2000, CV4002, 5644, VX8167. Please note these sockets are "push to fit". They are not spring-loaded. Refer to photograph on our website.	BP	2.50

8 PIN SOCKETS OCTAL PCB

TYPE	ORDER CODE	COMMENT	BOX	£ GBP PRICE each Any price breaks
OCTAL	SOC81PC	PCB mount Chinese. White ceramic. This seems better for 6F6, 6SN7, 6SL7 & 6V6. 88NBPC below seems better for KT88 size.	BP	1.00
OCTAL	SOC 88NBPC	PCB Chinese manufacture, white ceramic. See also socket 81PC above for a very similar item & cheaper. 88NBPC seems to be better for KT88 size	BP	0.50 100 @ 0.42

9 PIN SOCKETS - B9A Chassis

TYPE	ORDER CODE	COMMENT	BOX	£ GBP PRICE each Any price breaks
B9A SOCKETS		For E88CC, ECC82, ECC83, EL84, EF86, etc. Suitable for pre-amps.		
B9A	SOC9BS	Chassis mount, skirted, black plastic insulator. East European or Chinese.	BP	0.70
B9A	SOC9BSC	Chassis mount, Chinese. Black ceramic insulating materials with short screening can [ECC82 size]. Sold as one unit.	BP	1.20
B9A	SOC9CSC	Chassis mount, Chinese. White ceramic insulating material with short screening can (ECC82 size). Sold as one unit.	BP	1.20 50 @ 1.00 400 @ 0.80 1,000 @ 0.48
B9A	SOC9DPC	PCB mount, ceramic. Made in UK (or USA?). New but store soiled.	BP	1.30 30 @ 1.00

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B9A	SOC9JBLK	Chassis mounting, gold pins. New. Made in Japan this year, to the highest standard. Black sockets are 95 percent ceramic of alumina. Sockets are 95* ceramic of alumina. Thermal conductivity is much higher than typical steatite ceramic, which keeps the sockets and tubes cooler, thus enhancing audio quality. ROHS compliant. New method of direct gold plating. Gold plating goes directly onto the phosphor bronze without using nickel ground which lowers magnetic distortion & achieves ideal quality for audio.	BP	8.00
B9A	SOC9JW	Chassis mounting, gold pins. New. Made in Japan this year to the highest standard. White ceramic sockets are 95 percent ceramic of alumina. Sockets are 95 percent ceramic of alumina. Thermal conductivity is much higher than typical steatite ceramic / socket controls temperature increase & contributes to longer life. New method of direct gold plating. Gold plating goes directly onto the phosphor bronze without using nickel ground which lowers magnetic distortion & achieves ideal quality for audio. RoHS complaint.	BP	8.00 10 @ 7.00
B9A	SOC9LAM	Chassis mount, wafer style Ediswan UK. Few only. We have hundreds of SOC9AW, SOC9WA similar items.	BP	0.40
B9A	SOC9UBLK	Chassis mount, USA made, NOS. Black Phenolic. Bottom mount saddle style. Clean & attractive. Standard size 7/8" mounting.	BP	3.20 10 @ 2.75 100 @ 2.25
B9A	SOC9WA	OR SOC9WA very similar item. Chassis mount, wafer style, brown. NOS. Believed USA.	BP	0.40 400 @ POA
B9A	SOC93	Chassis mount, Western European NOS. Brown Phenolic. Top mount saddle style. NOS, attractive. Heavy duty tinned phosphor bronze pins with excellent contact tension. Centre post may be grounded for maximum shielding between pins. Fit standard US/UK size 3/4 inch (19 mm) mounting hole.	BP	4.00 10 @ 3.50 80 @ 3.00
B9A	SOC93WE	Chassis mount, Western European NOS. White ceramic. Centre post may be grounded for maximum shielding between pins. Fit standard US/UK size 3/4 inch (19 mm) mounting hole. Photo on request. New but store soiled appearance, hence half price.	BP	1.50 20 @ 1.00 100 @ 0.80
B9A	SOC93UKBLK	Chassis mount, McMurdo UK NOS. Black Phenolic. Bottom mount saddle style. Standard size 7/8" mounting.	BP	£3.20
B9A	SOC93CIN	Chassis mount, Cinch USA NOS. White ceramic. Centre post may be grounded for maximum shielding between pins. Fit standard US/UK size 3/4 inch (19 mm) mounting hole.	BP	3.00 20 @ 1.80
B9A	SOC97GC	Chassis, white ceramic insulator, unskirted, gold plate bracket & gold pins. Chinese.	BP	3.00 10 @ 1.80 100 @ 1.50
B9A	SOC97N	Chassis mount Chinese, grey metal, ceramic insulator.	BP	1.20 25 @ 0.95 100 @ 0.50 500 @ 0.45
B9A	SOC97NR	Chassis mount, Chinese. White ceramic insulating material with short screening can (ECC82 size). Sold as one unit.	BP	1.20 25 @ 0.95 100 @ 0.70 1,000 @ 0.65
B9A	SOC97NSC	Chassis mount Chinese. White ceramic insulating material with short screening can (ECC83 size). Sold as one unit. Slightly different fittings compared to 9CSC.	BP	1.20 25 @ 0.60 100 @ 0.48 1,000 @ 0.45

9 PIN SOCKETS - B9A PCB

TYPE	ORDER CODE	COMMENT	BOX	£ GBP PRICE each Any price breaks
B98A	SOC9AJP	B9A PCB mounting, silver plated socket. New, made in Japan this year to the highest standards. These white ceramic sockets are 95 percent ceramic of alumina. Thermal conductivity is much higher than typical steatite ceramic, which keeps the sockets and tubes cooler, thus enhancing audio quality. ROHS compliant.	BP	6.00 10 @ 5.00 50 @ 4.00

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B9A	SOC9AJPGO	Mounting, gold plated socket. New, made in Japan this year to the highest standards. These white ceramic sockets are 95 percent ceramic of alumina. Thermal conductivity is much higher than typical steatite ceramic, which keeps the sockets and tubes cooler, thus enhancing audio quality. ROHS compliant. Gold plating goes directly onto the phosphor bronze without using nickel ground which lowers magnetic distortion and achieves ideal quality for audio RoHS compliant.	BP	9.00 10 @ 8.00 50 @ 7.00
B9A	SOC9BSP	PCB mount, skirted, black plastic insulator. With screening can & skirt.	BP	0.70
B9A	SOC9BSPC	PCB mount, skirted, black plastic insulator. Made with skirt so that screening can be added.	BP	0.70 500 @ 0.56
B9A	SOC9CPC	PCB mount, ceramic. West European/USA made. New but store soiled.	BP	0.40
B9A	SOC90BU	PCB mount, black material, believed made in the USA. Currently out of stock, so please enquire.		POA
B9A	SOC91GB	PCB mount, UK made. Black insulator, gold pins. When available POA.	BP	POA
B9A	SOC92G	PCB mount socket for ECC83. Gold pins & white material.	BP	1.70 100 @ 1.30
B9A	SOC94C	PCB mount socket for ECC83. Grey pins & white ceramic material. 94C is almost the same as 94N.	BP	0.70 200 @ 0.60
B9A	SOC94CG	PCB mount socket for ECC83. Gold pins & white ceramic material. 94CGC is same as 94N but 94CGC has gold pins.	BP	1.70
B9A	SOC94N	PCB nickel pins, white plastic. Offer considered for order over 500 pieces.	BP	0.70 100 @ 0.35 1,000 @ 0.32
B9A	SOC912G	PCB mount socket for ECC83. Gold pins, white ceramic material.	BP	1.70 100 @ 1.30 300 @ 1.15
B9A	SOC 912N	PCB mount, ceramic.	BP	0.73 100 @ 0.50 300 @ 0.45
B9A	SOC916PCG	PCB socket. Gold pins, white ceramic. Use alternatives, like SOC92G, SOC94CGC, SOC912G (not identical shape) material.	BP	1.40
B9A	SOC916PCN	PCB ceramic. Suitable for 1 man with a solder iron. Not suitable for machines that process hundreds per hour.	BP	1.00 1,000 @ 0.85

9 PIN SOCKETS - other

TYPE	ORDER CODE	COMMENT	BOX	£ GBP PRICE each Any price breaks
B9A	Protect. B9A	B9A pin protector. Black plastic protector to keep pins on EL84, ECC83, 12AT7, etc. safe.	BP	1.00 200 @ 0.70 1,000 @ 0.55
B9A		20 New Old Stock British Mullard, Tube Pin Straighteners. New old stock, original 1960's Mullard, British made. A must have for any valve or tube collector. They are the correct device for straightening bent pins on any B9a base valve. Also useful for displaying the valves in your collection.	BP	0.40 20 @ 0.55 300 @ 0.45
B9A	CANEL84	Screening can for EL84.	BP	300 @ POA
B9A	SOC93CIBR	Chassis mount, Cinch USA NOS. Brown phenolic. Original early manufacture, not modern copy. Phenolic. Bottom mount saddle style. Fits standard US/UK size 3/4 inch (19mm) mounting hole. Photo on request. New but store soiled appearance, hence half price.	BP	1.50 20 @ 1.00 100 @ 0.80
B9A CAN	CAN SHIELD B9A MIX	B9A screening can, tube shield. Most fit ECC83, 12AT7. Some fit EL84 or other sizes. Used but clean & guaranteed. UK or USA manufacture. Some silver coated, some black coated metal. Spring inside. At this price no "picking & choosing". Sold as they come. Minimum order 20 pieces, for this item.	BP	20 @ 0.70 100 @ 0.50
B9A CAN	CAN SHIELD B9AB	B9A screening can, tube shield, fits ECC83, 12AT7. Used but clean & guaranteed. UK or USA manufacture. Black coated metal. Bronze spring inside. Printed with NATO number.	BP	1.80 50 @ 1.20
B9A CAN	CAN SHIELD B9AS	B9A screening can, tube shield, fits ECC83, 12AT7. Used but clean & guaranteed. UK or USA manufacture. Silver coloured metal. Spring inside.	BP	1.80 50 @ 1.20 500 @ 1.00
B9D	SOC913CR	Chassis mount. White ceramic, metal clip. Fits PL519, 7868, etc.	BP	0.80 300 @ 0.50

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PLEASE ADD 50% RETAIL SURCHARGE FOR ORDERS UNDER GBP240.

B9D MAGNOVAL	SOC95D	PCB mount, ceramic. Yugoslavian.	BP	1.44
B9D MAGNOVAL	SOC915PC	PCB mount, magnoval for PL519. White shiny glazed high temperature material.	BP	1.40 200 @ 1.00
B9D MAGNOVAL	SOC915PCG	PCB mount magnoval socket for PL519 & 7868. Chinese, white shiny glazed high temperature material. Gold pins.	BP	2.00 50 @ 1.30 300 @ 1.25
B9G	SOC9EF5-UK	Chassis mount, white ceramic material, UK made. Fits KT67, EF50.	BP	7.50 10 @ 5.00
B9G	SOC9EF50	Chassis mount, white ceramic material, Chinese manufacture. For use with KT67, EF50.	BP	3.10 200 @ 2.00
E2E	SOC9E2EC	Chinese new item. Fits F2A & E2E.	BP	5.00 5 @ 4.00 50 @ 3.50

10 PIN SOCKETS

TYPE	ORDER CODE	COMMENT	BOX	£ GBP PRICE each Any price breaks
EL156	SOC10YC	Made in China.	BP	3.20 200 @ 2.40

11 PIN SOCKETS

TYPE	ORDER CODE	COMMENT	BOX	£ GBP PRICE each Any price breaks
11 PIN	SOC11BRC	Chassis mount, McMurdo UK manufacture. Brown plastic insulator, grey metal flange.	BP	1.00
11 PIN	SOC11BLKC	Chassis mount, NOS, believed to be UK or USA made. Black material might be amphenol. Silver coloured flange.	BP	1.00 200 @ 0.80

12 PIN SOCKETS

TYPE	ORDER CODE	COMMENT	BOX	£ GBP PRICE each Any price breaks
12 PIN	SOC12CL	Chassis mount. Black Amphenol. Free floating mount For DG7-32. Comes with a kit of pins. Good quality UK/USA. NOS. In sealed original bag. Refer to photo on our website before ordering.	Orig Bag	3.20 100 @ 2.00
12 PIN	SOC12CL1X	Chassis mount. For DG7-32. Good quality UK/USA made.	BP	3.20 20 @ 2.50
COMPACTRON	SOC12A	Compactron, Chassis mount, skirted, PTFE material, Ediswan UK (Duodecar) 12 pin tube socket. Fits 6C10 6LF6 6KD6 etc.	RED OB	1.50 80 @ 1.00
COMPACTRON	SOC12ARP	Compactron, PCB mount, white plastic. Fits 6LF6, 6KD6.	BP	1.00
COMPACTRON	SOC12BPCB	Compactron, PCB mount, Fits 6KD6, 6D10.	BP	1.50 80 @ 1.00
COMPACTRON	SOC12BCH	Compactron socket, chassis mount, brown insulator material. Fits 6LF6 6KD6, 6D10.	BP	2.00 80 @ 1.60
12 PIN 3RP1	SOC12BXYZ	B12G socket for 3RP1, DG7-32 2BP1 etc. Chassis mount, mixed constructions, unused but store soiled appearance, believed UK or USA made.	BP	2.00 10 @ 1.40
12 PIN TT100	SOC 12B	GBP7.50 wholesale price, if any available.	BP	POA

17 PIN SOCKETS

TYPE	ORDER CODE	COMMENT	BOX	£ GBP PRICE each Any price breaks
17 PIN	SOCB17A	Chassis mount. B17A socket, very rare 17 pin socket for nixie tubes. Other suppliers call this B17, 35709, HFD 13045, VH26. Pin diameter 1.02mm, pin circle 18.2mm, pin spacing 20 degrees.	WB	7.20 10 @ 6.50

TOP CAPS

TYPE	ORDER CODE	COMMENT	BOX	£ GBP PRICE each Any price breaks
807	TOP807	Ceramic, Chinese manufacture, recent production. Used for 2C34, 807, DA42, CV57, TT21, U19, etc, ie 9mm diameter.	BP	2.00 100 @ 1.50
807	TOP807	Ediswan UK manufacture, white ceramic. When available.	BP	POA

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811	TOP805	Old ref. TC805. Chinese, ceramic, current production, for 805, 811A, 813, and similar large items.	BP	1.00
811	TOP805	For 805, 811A and 813 - when available	BP	POA
TOP CAP	TOP CAP TOP12E1A	Top cap/anode cap for 12E1, 5B254M, 6J7, EF37, PL519. 6mm diameter. Made by Bulgin, UK NOS. Attractive red colour. Photo on request.		5.00 25 @ 4.00
TOP CAP	TOP12E1CC	Chinese ceramic. Nice looking item. Fits 6J7, 12E1, 5B-254M, EF37A, EL504, EL519, PL504, PL519 and 6K8. New ceramic insulator. 6mm diameter.	BP	1.50 20 @ 1.00 300 @ 0.80
TOP CAP	TOP12E1A Topcap/ anode cap	Top cap/anode cap for 12E1, 5B254M, 6J7, EF37, PL519. Diameter & colour TBA. Made in UK/ USA by Billington or Bulgin. Photo on request.	BP	5.00 25 @ 4.00
TOP CAP	TOP12E1A Topcap/ anode cap	Chinese ceramic. Nice looking item. Fits 6J7, 12E1, 5B-254M, EF37A, EL504, EL519, PL504, PL519 and 6K8. New ceramic insulator. 6mm diameter.	BP	POA
TOP CAP	TOP12E1BR – Topcap/ anode cap	Top cap/anode cap for 12E1, 5B254M, 6J7, EF37, PL519 6mm diameter. Bulgin, made in USA/ UK. Suits solder or screw fixing solder. 6mm diameter metalwork. The cap itself is 40mm diameter. 20 pieces are red material 20 pieces are brown material and 20 are chrome coloured metal. We sell these all the time, please enquire for latest actual stock quantities.	BP	3.00 60 @ 2.30

SPRING RETAINERS

TYPE	ORDER CODE	COMMENT	BOX	£ GBP PRICE each Any price breaks
VALVE RET	1	Valve retainer or spring retainer for EL34, 6L6GC ETC. Made in USA or West Europe. All metal construction. Holds valve in upside down equipment. For EL34, 6L6GC etc.	BP	4.00 300 @ 2.75
VALVE RET	1B	Valve/ tube spring retainer. Holds valve in upside down equipment. UK made. NOS. Valve retainer string and ceramic for small shoulder tube like GZ34, 6SN7GT, 6V6GT. The carton is printed "7". String and metal spring.	OB	4.00 4 @ 3.34 120 @ 2.75
VALVE RET	3	Holds valve in upside down equipment. Valve retainer string and ceramic for small shoulder tube like 6J5G. UK made. NOS. Photo on request. Make near offer.	GVT	4.00 120 @ 2.50
VALVE RET	3A	Valve/ tube spring retainer. Holds valve in upside down equipment. UK made. NOS. Valve retainer string and ceramic for small shoulder tube like 6J7G. EF37 EF39. The carton is printed "159". There is a black top grommet.	BP	4.00 4 @ 3.34 120 @ 2.75
VALVE RET	3B	Valve/ tube spring retainer. Holds valve in upside down equipment. UK made. NOS. Valve retainer string and ceramic for small shoulder tube like 6J7G. The carton is printed "161". There is a black top grommet.	BP	4.00 4 @ 3.34 120 @ 2.75
VALVE RET	6	Holds EA50 valve UK or USA. Used, guaranteed.	GVT	2.00 30 @ 1.75
VALVE RET	7	Holds valve in upside down equipment. Valve retainer string & ceramic for small shoulder tube like 6J5G. UK made NOS. Photo on request. Make near offer.	GVT	2.00 10 @ 1.75 120 @ 1.50
VALVE RET	8	Valve retainer or spring retainer for KT88, 3B28 etc. Made in USA or West Europe. Strong, ceramic and metal construction. Holds valve in upside down equipment. For KT88, 3B28 etc.	BP	5.50 200 @ 3.75
VALVE RET	8A	Valve retainer or spring retainer for KT88, KT66, 6080 etc. Chassis mount only. Made in UK. String, ceramic and metal construction. Holds valve in upside down equipment. The carton is printed "quote 16/C.	OB	5.50 3 @ 4.40 200 @ 3.50
VALVE RET	C1	Chinese. Holds valve in upside down equipment. For GZ34. All same prices.	BP	1.00 100 @ 0.75
VALVE RET	C2	Chinese. Holds valve in upside down equipment. For EL34, 6L6GT 4. All the same prices.	BP	1.00 200 @ 0.75
VALVE RET	C3	Chinese. Holds valve in upside down equipment. Valve retainer for KT88 etc.	GVT	2.00 90 @ 1.75

TUNERS

TYPE	ORDER CODE	COMMENT	BOX	£ GBP PRICE each Any price breaks
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PLEASE ADD 50% RETAIL SURCHARGE FOR ORDERS UNDER GBP240.

QUAD FM2 TUNER

Mains powered stereo valve tuner. Repaired and aligned. Can be used with any Quad equipment [unlike FM1 which need power from the amplifier].

125.00