

Master Stock List

# Mini Tubes

Type	Manufacturer	Date	Microphonics	Quantity	\$ Each	Descriptions
12AX7/ECC83	Amperex	1970's	Moving-Coil	4	\$94.00+	With orange World-Map branding, still using the same classic tooling & machinery but it's running faster now and the tube sounds a bit faster and hotter.
12AX7/ECC83	Amperex	1970's	Moving Mag.	6	\$84.00+	
12AX7/ECC83	Amperex	1970's	Line	8	\$74.00+	
12AX7/ECC83	Amperex	1960's	Moving-Coil	5	\$140.00+	Type 2 (The Classic "Bugle Boy" of the 1960's). Very nice, a bit lighter with a touch more sparkle and liquidity than the Telefunken, but still completely sweet!
12AX7/ECC83	Amperex	1960's	Moving Mag.	12	\$120.00+	
12AX7/ECC83	Amperex	1960's	Super-Line	11	\$118.00+	
12AX7/ECC83	Amperex	1960's	Line	9	\$88.00+	
12AX7/ECC83	Amperex	Late 1940's & 50's	Moving Coil	5	\$198.00	Type 1 (Long Plate) 1950's "Bugle-boys". These came in several styles. The most liquid, sweetest, and rarest of the 12AX7 in the Amperex family.
12AX7/ECC83	Amperex	Late 1940's & 50's	Moving Mag.	8	\$168.00	
12AX7/ECC83	Amperex	Late 1940's & 50's	Super-Line	11	\$148.00	
12AX7/ECC83	Amperex	Late 1940's & 50's	Line	8	\$118.00	
12AX7/ECC83	Mullard	1960's	Moving-Coil	7	\$140.00+	Type 2 (Short Plate) The same magical, warm but detailed sound as it's older sister with a touch more neutrality. Don't be fooled by those "other guys" with their late production 1970+1980's yuck-yuck.
12AX7/ECC83	Mullard	1960's	Moving Mag.	14	\$110.00+	
12AX7/ECC83	Mullard	1960's	Super-Line	18	\$98.00+	
12AX7/ECC83	Mullard	1960's	Line	11	\$88.00+	
12AX7/ECC83	Mullard	1950's	Moving-Coil	4	\$198.00	Type 1 (Long Plate) 1950's version. The warmest, most liquid but still detailed 12AX7 ever made.
12AX7/ECC83	Mullard	1950's	Moving-Mag.	9	\$158.00	
12AX7/ECC83	Mullard	1950's	Super-Line	12	\$128.00	
12AX7/ECC83	Mullard	1950's	Line	11	\$118.00	
12AX7/ECC83	Telefunken	1950's - 1960's	Moving-Coil	8	\$188.00+	The most famous and well known vintage 12AX7, and the all time benchmark of tonal neutrality and balance. Sweet and rich, while at the same time a bit dryer and delivering as much detail and air as any 12AX7 ever made. Both ribbed & smooth plate type available.
12AX7/ECC83	Telefunken	1950's - 1960's	Moving Mag.	16	\$158.00+	
12AX7/ECC83	Telefunken	1950's - 1960's	Super-Line	28	\$138.00+	
12AX7/ECC83	Telefunken	1950's - 1960's	Line	34	\$88.00+	
12AX7/ECC83	RCA	1970's	MC	8	\$118.00	Only 6 years of production in the 70's and solid until the end.
12AX7/ECC83	RCA	1970's	Moving-Mag.	16	\$86.00	
12AX7/ECC83	RCA	1970's	Super-line	19	\$76.00	
12AX7/ECC83	RCA	1970's	Line	24	\$66.00	
12AX7/ECC83	RCA	1960's	Moving-Coil	8	\$128.00	Shorter gray plates are used now but the sound is still the same, GREAT! We all know the music of the 60's. These baby's made a large amount of it, chugging away in FENDER Twins, HAMMONDS and Hi-Fi's, the hell of it is many are STILL GOING!
12AX7/ECC83	RCA	1960's	Moving Mag.	26	\$98.00	
12AX7/ECC83	RCA	1960's	Super-Line	32	\$84.00	
12AX7/ECC83	RCA	1960's	Line	15	\$64.00	

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12AX7/ECC83	RCA	1946 to mid 1950's	Moving-Mag.	2	\$128.00+	The first tooling for this tube. Excellent, rich & accurate sound from the heart of the Golden Age of Hi-Fi. This tube like the 60s version above is particularly great in A/D converters because they provide liquidity and sweetness AND AT THE SAME TIME MORE INFORMATION & DETAILS. = MUSIC!
12AX7/ECC83	RCA	1946 to mid 1950's	Super-Line	6	\$98.00	
12AX7/ECC83	RCA	1946 to mid 1950's	Line	14	\$78.00	
12AX7/ECC83	Siemens	1970's	Moving Mag.	10	\$16.00	Bizarre (big bottle) thangs! I have heard that these work well in certain equipment (just like the usually nasty sounding Tungram 12AX7 works in the N.Y.A.L equipment.) P.S. Yes, these are the ones that have small 12AT7 type plates.
12AX7/ECC83	Siemens	1970's	Phono	Call	Call	
7025/ Premium	RCA	1950 - 1960	Moving-Coil	5	\$138.00	Another one of the very few tubes actually conceived and developed for Hi-Fi use. This is a 12AX7 with a helical heater roughly selected for low hum and noise at the factory. (See note on creep's below)
12AX7	RCA	1950 - 1960	Moving Mag.	12	\$98.00	
	RCA	1950 - 1960	Super-Line	8	\$84.00	
	RCA	1950 - 1960	Line	11	\$74.00	
5751/5751WA	RCA	1950 - 1960	Moving-Coil	9	\$96.00+	A high reliability, ruggedized type having slightly lower gain than a 12AX7. And baby, when RCA said PREMIUM it meant the real thing, a multi-million dollar research lab and 50 years of experience! The way today's sales creeps put "Selected", "Signature" and "Platinum" on every piece of junk that comes down the pike makes me sick!!!
5751/5751WA	RCA	1950 - 1960	Moving Mag.	4	\$82.00+	
5751/5751WA	RCA	1950 - 1960	Super-Line	16	\$72.00+	
5751/5751WA	RCA	1950 - 1960	Line	2	\$62.00+	
12AX7	Yugo/EI	1970 - 1980	Moving-Coil	4	\$48.00	Made on the orig. Telefunken machinery, the ONLY late production mini tube that has ANYTHING to do with the original tooling, machinery, etc. of any company. Contrary to the poop that is spread in the press. ("Made with original. tooling, consulting with original employees," blab blab blab). These are the Pre-War 1970's production not 80's & 90's current junk with the missing fourth port.
12AX7	Yugo/EI	1970 - 1980	Moving-Mag.	8	\$38.00	
12AX7	Yugo/EI	1970 - 1980	Line	11	\$28.00	
12AX7	Tung-Sol	1950 - 1960	MC Phono	3	\$68.00	Very good, solid and long-lasting tubes. A strong, clear and concise sounding tube favored by many. Clean like the Telefunken.
12AX7	Tung-Sol	1950 - 1960	Moving Mag.	4	\$58.00	
12AX7	Tung-Sol	1950 - 1960	S-L	8	\$52.00	
12AX7	Tung-Sol	1950 - 1960	Line	22	\$46.00	
12AX7	Brimar & RFT & Fivre	1950's - 1970's	All Available	9	\$26.00	Serviceable but definitely not legendary tubes being pushed as the GREATS by several of my oh, so sloppy imitators, mailnly because anyone who can pick up a phone can call England and buy 5000 of

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						them at a time. If they were truly great they would have gone to Japan and other serious Hi-Fi hot spots long, long ago.
12AU7/ECC82	Amperex	1968 - 1978	Moving-Coil	9	\$88.00	Orange globe logo. Made in the same factory, on the same machines in Holland, as above, but ten years later.
12AU7/ECC82	Amperex	1968 - 1978	Moving-Mag.	6	\$78.00	Still the same fine tube. A bit faster sounding.
12AU7/ECC82	Amperex	1968 - 1978	Super-Line	10	\$68.00	Type 2. The classic "Bugle-Boy" from the 1960's.
12AU7/ECC82	Amperex	1958 - 1968	MC Phono	12	\$154.00	Light and airy extended top, yet full bodied and rich at the same time!
12AU7/ECC82	Amperex	1958 - 1968	Moving-Mag.	12	\$138.00	
12AU7/ECC82	Amperex	1958 - 1968	Super-Line	14	\$118.00	
12AU7/ECC82	Amperex	1958 - 1968	Line	5	\$88.00	
12AU7/ECC82	Amperex	1950's	S-L	2	Call	Type 1, the first couple of toolings for this tube. As usual with tubes the rare, early version is a bit more liquid than the 60's Bugle boys. The best in the Jadis, CAT,C-J and others.
12AU7/ECC82	Amperex	1950's	Line	4	Call	
7316/12AU7	Amperex	1950 - 1970	Moving-Coil	4	\$168.00+	Special-duty-flip-flop, 12AU7, (computer) / counter tube included in the "PREMIUM" QUALITY line introduced for industry. A favorite of early CAT owners.
Premium	Amperex	1950 - 1970	Moving-Mag.	7	\$148.00+	
7316/12AU7	Amperex	1950 - 1970	S-L	1	\$128.00	
Premium	Amperex	1950 - 1970	Line	6	\$108.00	
12AU7/ECC82	Mullard	1960's	Moving-Coil	5	\$138.00+	Be it in a Hammond Organ amp or a Vox guitar head these ARE the sound of the 60's & 70's. Accurate, detailed and warm.
12AU7/ECC82	Mullard	1960's	Moving-mag.	9	\$122.00	
12AU7/ECC82	Mullard	1960's	Super-Line	12	\$108.00	
12AU7/ECC82	Mullard	1950's	Moving-Mag.	8	Call	See 1950's Mullard 12AX7 for sonic description.
12AU7/ECC82	Mullard	1950's	S-L	6	Call	
12AU7/ECC82	Mullard	1950's	Line	7	Call	
12AU7/ECC82	Telefunken	1950 - 1960's	Moving-Mag	6	\$130.00+	The classic Tele 12AU7, as with the 12AX7 this is one of, if not the most tonally neutral and detailed 12AU7's that ever has and will ever be made. Smooth and ribbed plates.
12AU7/ECC82	Telefunken	1950 - 1960's	S-L	11	\$108.00+	
12AU7/ECC82	Telefunken	1950 - 1960's	Line	22	\$98.00+	
12AU7/ECC82	RCA	1960's	Moving-Coil	3	\$78.00	Type 2, the classic "Cleartop" side-getter units. Because of its important job as a vertical & horizontal and oscillator in Televisions (RCA WAS TV for the first 20 years.) This tube was on the microscopic inspection program during the 50's & 60's. The best 12AU7 ever made in the USA. NOTE: I have not raised the price of this tube in 20 years, while others have raised it 20 times!
12AU7/ECC82	RCA	1960's	Moving-Mag	23	\$64.00	
12AU7/ECC82	RCA	1960's	S-L	38	\$48.00	
12AU7/ECC82	RCA	1960's	Line	29	\$38.00	
12AU7/ECC82	RCA	L. 1940's - E. 1950's	Moving Mag.	5	\$76.00	Type 1, The classic black plate 12AU7, another RCA original! Developed by RCA in the late 40's this is the
12AU7/ECC82	RCA	L. 1940's - E. 1950's	S-L	12	\$66.00	

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12AU7/ECC82	RCA	L. 1940's - E. 1950's	Line	18	\$56.00	original Tooling. I think all RCA minis are underrated. A very good sounding tube with a tonal balance between a Tele and a Mullard. (White logos on tube)
5814 & 6189 W, WA & COMMAND	RCA	1950's - 1960's	All available	76	\$40.00's & \$50.00's	Top of the line industrial & military, ruggedized, premium 12AU7. No miniature tubes will ever be made again that are even 1/4 this good. This line was a complete re-engineering of the 12AU7 tube. (Same as 5751 was to 12AX7) Developed for critical military & industrial applications these are true beauties! There were several tiers of ruggedness and statistical sampling, ect... culminating in the "COMMAND" series. "COMMAND" was the highest level of ruggedness & reliability reserved for armed forces and mobile use.
6680/12AU7	RCA	1950's - 1960's	All available	16	\$40's+	Premium version adapted for mobile communication use. Has loosened heater voltage requirements. I.E. Heaters are adjusted for consistent performance with widely varying heater voltages encountered in mobile communications use.
12AT7/ECC81	Amperex	1950's - 1970's	Moving-Coil	1	\$148.00	The classic Amperex 12AT7 that has the same personality as the whole 12 series, extended and sweet at the top, full and rich across the rest of the spectrum.
12AT7/ECC81	Amperex	1950's - 1970's	Moving-Mag.	7	\$118.00+	
12AT7/ECC81	Amperex	1950's - 1970's	S-L	21	\$98.00+	
12AT7/ECC81	Amperex	1950's - 1970's	Line	14	\$78.00+	
6201/E81CC	Amperex	1960's	Call	Call	Call	European version of the 6201 ruggedized, and gold pinned, these were also part of the "Special Quality" 10,000 hour high reliability series of tubes. Very Nice!
12AT7/ECC81	Mullard	1950's - 1960's	Moving-Coil	3	\$148.00	Classic three port type that did not change for about 28 years. One of the best, lowest distortion, sweetest, 12AT7's ever made. I have sweetened many a CD based system to perfection with these.
12AT7/ECC81	Mullard	1950's - 1960's	Moving-Mag.	7	\$128.00	
12AT7/ECC81	Mullard	1950's - 1960's	S-L	12	\$88.00	
12AT7/ECC81	Mullard	1950's - 1960's	Line	18	\$66.00+	
12AT7/ECC81	Telefunken	1950's - 1960's	Moving-Coil	5	\$128.00+	The famous German 12AT7 that is so full and rich and detailed at the same time tonally neutral.
12AT7/ECC81	Telefunken	1950's - 1960's	Moving-Mag.	14	\$118.00+	
12AT7/ECC81	Telefunken	1950's - 1960's	S-L	7	\$94.00	
12AT7/ECC81	Telefunken	1950's - 1960's	Line	8	\$84.00	
12AT7/ECC81	Siemens	1950's - 1960's	Moving-Coil	2	\$118.00+	Very close to both Amperex and Telefunken in sound, neutral, sweet and SUPER detailed with a top end that goes on and on and on!
12AT7/ECC81	Siemens	1950's - 1960's	Moving-Mag.	4	\$108.00+	
12AT7/ECC81	Siemens	1950's - 1960's	S-L	7	\$98.00	

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12AT7WA /E81CC	Siemens	1960s	Call	Call	Call	Several nice units in stock at any one time.
12AT7/ECC81	RCA	1960's - 1970's	Moving-Mag	6	\$74.00+	More of the same great sound, two different plate types; wing & box. Plate changed from black to gray in 1958. These tubes are a great bargain at their prices. Very soon all of these will be truly expensive and collectable as it becomes more apparent that nothing like them will ever be made again.
12AT7/ECC81	RCA	1960's - 1970's	Super-Line	15	\$64.00+	
12AT7/ECC81	RCA	1960's - 1970's	Line	40	\$44.00+	
12AT7/ECC81	RCA	1940's - 1950's	Moving-Mag	6	\$88.00+	The original 12AT7 and best ever made in America. Original tooling with wing type plates. Has that true blue, top to bottom balance that all RCA tubes have.
12AT7/ECC81	RCA	1940's - 1950's	Super-Line	15	\$72.00+	
12AT7/ECC81	RCA	1940's - 1950's	Line	12	\$54.00+	
6DJ8/ECC88	Amperex	Mid 1970's	Moving-Mag.	2	\$136.00	One of the few tubes still made well into the 70's with really good quality! Most of these used "A" shaped getter support.
6DJ8/ECC88	Amperex	Mid 1970's	Super-Line	8	\$118.00	
6DJ8/ECC88	Amperex	Mid 1970's	Line	12	\$92.00	
6DJ8/ECC88	Amperex	1970's	Moving-Coil	2	\$138.00	A frame, the second tooling of this tube, made on higher speed, second generation machinery. There are three types of these. All are very nice full bodied, well balanced, low noise tubes whose hallmark is top to bottom balance. A favorite for many in the moving coil stage of Jadis JP-80 MC, and others.
6DJ8/ECC88	Amperex	1970's	Moving-Mag.	6	\$128.00	
6DJ8/ECC88	Amperex	1970's	Super-Line	9	\$108.00	
6DJ8/ECC88	Amperex	1970's	Line	12	\$82.00	
6DJ8/ECC88	Amperex	1964-1968 O Getter	SL	8	\$136.00	Type 2, Still the same great tube. Some tooling changes. "Bugle Boys".
6DJ8/ECC88	Amperex	1964-1968 O Getter	Line	14	\$88.00	
6DJ8/ECC88	Amperex	1958-1962 D Getter	Moving-Coil	Call	\$158.00	The original 6DJ8 developed by Amperex in 1958. First used for Hi-Fi, in Tuners such as the Fisher FM-1000 and as the input tube for the Marantz model 9 power amp. The sweetest, most liquid & accurate 6DJ8 ever made. Like the best tubes, these seem to be able to sort out the noise from the music.
6DJ8/ECC88	Amperex	1958-1962 D Getter	Moving-mag.	Call	\$138.00+	
6DJ8/ECC88	Amperex	1958-1962 D Getter	Super-Line	Call	\$108.00+	
6DJ8/ECC88	Amperex	1958-1962 D Getter	Line	Call	\$88.00+	
6DJ8/ECC88	Mullard	1970's	Moving-Mag.	Call	Call	Still a great tube, cooling off a bit in tonal balance. Same beautiful sound as below still made with the same Mullard care and greatness.
6DJ8/ECC88	Mullard	Mid 1960's	Moving-Mag.	Call	Call	
		Mid 1960's	Super-Line	Call	Call	
		Mid 1960's	Line	Call	Call	
6DJ8/ECC88	Mullard	Early 1960's	Call	Call	Call	As with any Mullard, this is the warmest line of 6DJ8's ever made, warm, sweet, detailed, sound with a velvety background. Only thing more liquid than the Amperex Bugle Boy.
6DJ8/ECC88	Siemens & Halski	Early 1960's	Moving-Mag	Call	\$144.00	For those who have been around this tube for 30

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6DJ8/ECC88	Siemens & Halski	Early 1960's	Super-Line	Call	\$124.00	years or so the exceptional qualities of S & H Frame Grid tubes are well known. As with the Dutch, the Germans worked well with the .00029 inch grid wire and other requirements of this tube. The good, early true S&H 6DJ8, 6922,7308, have the highest transparency of any ever made plus more liquid than the Telefunken. For many The only contact with Siemens tubes has been the 1980 - 1990's Siemens-Rohr junk that is laying around everywhere, VTS avoids these like the plague.
6DJ8/ECC88	Siemens & Halski	Early 1960's	Line	Call	\$108.00	
6DJ8/ECC88	Telefunken	1960's	Moving-Mag.	Call	Call	The other great German 6DJ8. In keeping with the rest of the Telefunken line, the 6DJ8 has the same neutral tonal balance as the 12AX7 etc. Very nice and clean. Rich and a bit dry at the same time!
6DJ8/ECC88	Telefunken	1960's	Super-Line	Call	Call	
6DJ8/ECC88	Telefunken	1960's	Line	Call	Call	
6DJ8/ECC88	Matsushita	1960's - 1970's	Moving-Mag.	0	\$68.00	A very good 6DJ8 made in Japan during the 60's and 70's. These units are extremely well made and have a warm, sweet tonal balance. Far, far better than anything being made in the last 25 years. Made for TVs, these were part of the first wave of electronics that helped Japan take over the U.S. Consumer electronics industry in the 60's & 70's. These are second only to the four Euro greats Amprex, Siemens & Halski, Telefunken & Mullard.
6DJ8/ECC88	Matsushita	1960's - 1970's	S-L	14	\$58.00	
6DJ8/ECC88	Matsushita	1960's - 1970's	Line	56	\$38.00	
6DJ8/ECC88	Sylvania	1970's	Phono	2	\$56.00	Same as below. As with most tubes made after about 1978, they started to sound hard and harsh.
6DJ8/ECC88	Sylvania	1970's	S-L	3	\$44.00	
6DJ8/ECC88	Sylvania	1970's	Line	6	\$32.00	
6DJ8/ECC88	Sylvania	1960's	Phono	2	\$58.00	Nice clean sounding well balanced units. Good and reliable.
6DJ8/ECC88	Sylvania	1960's	S-L	4	\$48.00	
6DJ8/ECC88	Sylvania	1960's	Line	9	\$38.00	
6922/E88CC	Amprex	1958 - 1970's	Moving-Mag.	3	\$188.00	This is a rugged version of 6DJ8 for Industry & Military use. There were two different plants that made these tubes. One in Holland and one at 230 Duffy Avenue on Long Island, New York. There were also several different versions from each plant. I do not have the time to go into them at this time. Call for details.
6922/E88CC	Amprex	1958 - 1970's	Super-Line	6	\$158.00	
6922/E88CC	Amprex	1958 - 1970's	Line	4	\$128.00	
6922/E88CC	Mullard (Type 3)	1970's	Call	Call	Call	Still a good tube but starting to slip in sweetness



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						now. (also see notes below)
6922/E88CC	Mullard (Type 2)	1965 - 1970	Moving Mag	8	\$158.00+	Same as below. This is one of the most counterfeited tubes in the industry. Don't be fooled.
6922/E88CC		1965 - 1970	Super-Line	12	\$138.00+	
6922/E88CC		1965 - 1970	Line	16	\$128.00+	
6922/E88CC	Mullard (Type 1)	Early 1960's	Moving-Mag.	4	\$176.00	As usual the Mullard version of this tube is warm and smooth but still accurate! The gold plating on the pins looks like fine jewelry. (The antithesis of the currently made junk that looks like cheap plastic-gold flash in a dime store! The pins themselves are SO rough that often they look like they were hammered out by hand using ROCKS!!!)
6922/E88CC		Early 1960's	Super-Line	7	\$156.00	
6922/E88CC		Early 1960's	Line	3	\$120.00	
6922/E88CC	Telefunken of <b>EAST GERMANY</b>	1970's - 1980's	Super-Line	2	\$12.00	I got stuck with these they, came in with some other stuff. If you've paid more than this for these you need to find a new tube dealer! I know gobs of guys that have spent THOUSANDS on buying these from my imitators at around \$150.00 to \$200.00+ each! Most said they never sounded right and went noisy after a week or so. Those who called and complained were told tough luck!
6922/E88CC		1970's - 1980's	Line	5	\$12.00	
6922/E88CC	Siemens & Halski	1960's	Moving-Coil	2	\$220.00	In keeping with tradition, the Siemens version of the 6922 is like it's 6DJ8 prototype. Super high information & all the typical attributes (see 6DJ8 Siemens). Watch out for the dreadful late 70's and 80's stuff that's pushed most of the time.
6922/E88CC	Siemens & Halski	1960's	Moving-Mag.	5	\$188.00+	
6922/E88CC	Siemens & Halski	1960's	Super-Line	6	\$148.00+	
6922/E88CC	Siemens & Halski	1960's	Line	4	\$96.00+	
7308	Amperex Mullard Telefunken Etc.	1961 & Later	Call	Call	\$188 - \$290	The 7308 was an attempt at further refining the 6922 and featured tighter control of all specs. Fabulous tube if you actually get good early production. While we are on this subject let me share with you a bit about testing these 6DJ8, 6922 "Frame Grid" types of tubes. For as many years as I have been testing & studying tubes, these have eluded me until the last few years. I can't go into details here but now I understand MUCH more about these. It's no wonder that most audio people and even tube dealers don't have any idea why they get such differing sonic results from tubes, even those of the same batch.
7025	Tung-Sol	1950's - 1960's	S-L	7	\$50.00+	The same great laboratory type quality as the 6550's

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						& good sound similar to Telefunken.
5751	Tung-Sol	1960's	S-L	4	\$56.00	Same as above.