# **Common Small Signal Tubes**

# 12AX7/ECC83

<u>Type</u>	<u>Manufacturer</u>	Date	<u>Microphonics</u>	Quantity	<u>\$ Each</u>	Descriptions
12AX7/ECC83	Amperex	1970's	Moving-Coil	4	\$188.00+	With orange World-Map branding, still using the same
12AX7/ECC83	Amperex	1970's	Moving-Magnet	8	\$148.00+	classic tooling & machinery but it's running faster
12AX7/ECC83	Amperex	1970's	Super-Line	3	\$128.00+	now and the tube sounds a bit faster and hotter.
12AX7/ECC83	Amperex	1970's	Line	8	\$84.00+	
12AX7/ECC83	Amperex	1960's	Moving-Coil	12	\$188.00+	Type 2 (The Classic "Bugle Boy" of the 1960's).
12AX7/ECC83	Amperex	1960's	Moving-Magnet	10	\$154.00+	Very nice, a bit lighter with a touch more sparkle
12AX7/ECC83	Amperex	1960's	Super-Line	8	\$136.00+	and liquidity than the Telefunken, but still completely
12AX7/ECC83	Amperex	1960's	Line	12	\$108.00+	sweet!
12AX7/ECC83	Amperex	Late 1940's & 50's	Moving Coil	2	\$248.00+	Type 1 (Long Plate) 1950's "Bugle-boys". These
12AX7/ECC83	Amperex	Late 1940's & 50's	Moving-Magnet	4	\$198.00+	came in several styles. The most liquid, sweetest,
12AX7/ECC83	Amperex	Late 1940's & 50's	Super-Line	7	\$176.00	and rarest of the 12AX7 in the Amperex family.
12AX7/ECC83	Amperex	Late 1940's & 50's	Line	6	\$138.00	
	•				•	



Туре	<u>Manufacturer</u>	<u>Date</u>	<u>Microphonics</u>	<u>Quantity</u>	<u>\$ Each</u>	Descriptions
12AX7/ECC83	Mullard	1960's	Moving-Coil	12	\$192.00+	Type 2 (Short Plate) The same magical, warm but
12AX7/ECC83	Mullard	1960's	Moving-Magnet	14	\$176.00+	detailed sound as it's older sister with a touch more
12AX7/ECC83	Mullard	1960's	Super-Line	12	\$158.00+	neutrality. Don't be fooled by those "other guys" with their

12AX7/ECC83 M	lullard	1960's	Line	15	\$108.00+	late production 1970+1980's yuck-yuck.
12AX7/ECC83 M	lullard	1950's	Moving-Coil	2	244.00+	Type 1 (Long Plate) 1950's version. The warmest,
12AX7/ECC83 M	lullard	1950's	Moving-Magnet	4	220.00+	most liquid but still detailed 12AX7 ever made.
12AX7/ECC83 M	lullard	1950's	Super-Line	12	188.00+	
12AX7/ECC83 M	lullard	1950's	Line	28	128.00+	



			Since	• 1905		
<u>Type</u>	<u>Manufacturer</u>	Date	Microphonics	<u>Quantity</u>	<u>\$ Each</u>	<u>Descriptio</u>
12AX7/ECC83	Telefunken	1950's - 1960's	Moving-Coil	6	\$320.00+	The most famous and well know
12AX7/ECC83	Telefunken	1950's - 1960's	Moving-Magnet	18	\$288.00+	and the all time benchmark of to
12AX7/ECC83	Telefunken	1950's - 1960's	Super-Line	36	\$268.00+	balance. Sweet and rich, while a
12AX7/ECC83	Telefunken	1950's - 1960's	Line	14	\$218.00+	dryer and delivering as much det
						12AX7 ever made. Both ribbed a
12AX7/ECC83	Telefunken	1950's - 1960's	Super-Line	36	\$268.00+ \$218.00+	balance. Sweet and rich, w dryer and delivering as mu

### <u>tions</u>

wn vintage 12AX7, tonal neutrality and at the same time a bit letail and air as any & smooth plate 5 different tubes total.



<u>Type</u>	<u>Manufacturer</u>	Date	<b>Microphonics</b>	<u>Quantity</u>	<u>\$ Each</u>	Descriptions
12AX7/ECC83	RCA	1970's	Moving-Coil	8	\$136.00+	Only 6 years of production in the 70's and solid until
12AX7/ECC83	RCA	1970's	Moving-Magnet	6	\$118.00+	the end.
12AX7/ECC83	RCA	1970's	Super-line	4	\$88.00+	
12AX7/ECC83	RCA	1970's	Line	14	\$76.00+	
12AX7/ECC83	RCA	1960's	Moving-Coil	18	\$154.00	Shorter gray plates are used now but the sound is
12AX7/ECC83	RCA	1960's	Moving-Magnet	26	\$138.00	still the same, GREAT! We all know the music of the
12AX7/ECC83	RCA	1960's	Super-Line	32	\$118.00	60's. These baby's made a large amount of it,
12AX7/ECC83	RCA	1960's	Line	18	\$74.00	chugging away in FENDER Twins, HAMMONDS and

						Hi-Fi's, the heller of it is many are STILL GOING!
12AX7/ECC83	RCA	1946 to mid 1950's	Moving-Magnet	6	\$166.00+	The first tooling for this tube. Plates are carbonized
12AX7/ECC83	RCA	1946 to mid 1950's	Super-Line	22	\$144.00+	black. Excellent, rich & accurate sound
12AX7/ECC83	RCA	1946 to mid 1950's	Line	38	\$108.00+	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!
7025/	RCA	1950 - 1960	Moving-Coil	5	\$188.00+	Another one of the very few tubes actually conceived
Premium	RCA	1950 - 1960	Moving-Magnet	12	\$138.00+	and developed for Hi-Fi use. This is a 12AX7 with a
12AX7	RCA	1950 - 1960	Super-Line	8	\$94.00+	helical heater roughly selected for low hum and noise
	RCA	1950 - 1960	Line	11	\$84.00+	at the factory. (See note on creep's below)
5751 Triple Mica	RCA	1950's	Moving-Coil	4	\$186.00	First version with third mica on top to act as a splash
5751 Triple Mica	RCA	1950's	Super-Line	5	\$136.00	guard during getter activation.
5751 Triple Mica	RCA	1950's	Line	4	\$88.00	
5751/5751WA	RCA	1950 - 1960	Moving-Coil	9	\$136.00+	A high reliability, ruggedized type having slightly
5751/5751WA	RCA	1950 - 1960	Moving-Magnet	4	\$118.00+	lower gain than a 12AX7. And baby, when RCA said
5751/5751WA	RCA	1950 - 1960	Super-Line	16	\$89.00+	PREMIUM it meant the real thing, a multi-million
5751/5751WA	RCA	1950 - 1960	Line	2	\$76.00+	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!!!

# TUNG-SOL

vibration = lested ELECTRON TUBES						
Type	Manufacturer	Date	<b>Microphonics</b>	Quantity	<u>\$ Each</u>	Descriptions
12AX7	Tung-Sol	1950 - 1960	Moving-Coil	5	\$138.00	Very good, solid and long-lasting tubes. A strong,

12AX7	Tung-Sol	1950 - 1960	Moving-Magnet	12	\$108.00	clear and concise sounding tube favored by many.
12AX7	Tung-Sol	1950 - 1960	Super-Line	16	\$78.00	Clean like the Telefunken.
12AX7	Tung-Sol	1950 - 1960	Line	38	\$64.00	
7025	Tung-Sol	1950's - 1960's	Super-Line	7	\$88.00+	The same great laboratory type quality as the 6550's & good sound similar to Telefunken.
5751	Tung-Sol	1960's	Super-Line	4	\$76.00+	Same as above.

# Matsushita

1

Type	<u>Manufacturer</u>	Date
12AX7/ECC83	Matsushita	1960-1970's

<u>Quantity</u>	<u>\$ Each</u>					
2	\$88.00+					
5	\$76.00+					
4	\$64.00					
6	\$48.00					
	2 5 4					

Descriptions
A very good 12AX7 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 35 years.

# Yugo/El

Туре	Manufacturer	Date
12AX7	Yugo/El	1970 - 1980
12AX7	Yugo/El	1970 - 1980
12AX7	Yugo/El	1970 - 1980
12AX7	Yugo/El	1970 - 1980

	, ~	
Microphonics	Quantity	<u>\$ Each</u>
Moving-Coil	4	\$68.00
Moving-Magnet	8	\$58.00
Super-Line	11	\$48.00
Line	6	\$38.00

### **Descriptions**

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.

# Tungsram, Brimar & Fivre

<u>Type</u>	<u>Manufacturer</u>	Date	Microphonics	Quantity	<u>\$ Each</u>	Descriptions
12AX7	Brimar & RFT &	1950's - 1970's	All Available	19	\$46.00+	Serviceable but definitely not legendary tubes being
	Fivre					pushed as the GREATS by several of my oh, so
						sloppy imitators, mainly because anyone who can
						pick up a phone can call England and buy 5000 of
						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

Туре	<u>Manufacturer</u>	Date	Microphonics	<u>Quantity</u>	<u>\$ Each</u>	Descriptions
12AU7/ECC82	Amperex	1968 - 1978	Moving-Coil	9	\$144.00+	Orange globe logo. Made in the same factory, on the
12AU7/ECC82	Amperex	1968 - 1978	Moving-Magnet	6	\$128.00+	same machines in Holland, as above, but ten years later.
12AU7/ECC82	Amperex	1968 - 1978	Super-Line	10	\$108.00+	Still the same fine tube. A bit faster sounding.
12AU7/ECC82	Amperex	1958 - 1968	Moving-Coil	6	\$238.00+	Type 2. The classic "Bugle-Boy" from the 1960's.
12AU7/ECC82	Amperex	1958 - 1968	Moving-Magnet	4	\$178.00	Light and airy extended top, yet full bodied and rich at
12AU7/ECC82	Amperex	1958 - 1968	Super-Line	4	\$148.00+	the same time!
12AU7/ECC82	Amperex	1958 - 1968	Line	5	\$108.00+	
12AU7/ECC82	Amperex	1950's	Phono	2	\$262.00+	Type 1, the first couple of toolings for this tube. As
12AU7/ECC82	Amperex	1950's	Super-Line	5	\$234.00+	usual with tubes the rare, early version is a bit more
12AU7/ECC82	Amperex	1950's	Line	6	\$188.00+	liquid than the 60's Bugle boys. The best in the Jadis,
						CAT,C-J and others.
7316/12AU7	Amperex	1950 - 1970	Moving-Coil	4	\$240.00+	Special-duty-flip-flop, 12AU7, (computer) / counter
Premium	Amperex	1950 - 1970	Moving-Magnet	7	\$208.00+	tube included in the "PREMIUM" QUALITY line
7316/12AU7	Amperex	1950 - 1970	Super-Line	1	\$168.00+	introduced for industry. A favorite of early CAT
Premium	Amperex	1950 - 1970	Line	6	\$148.00+	owners. I have D getters & O Getters. Call for details.

# Mullard

.

.

	<u>Type</u>	<u>Manufacturer</u>	Date	Microphonics	Quantity	<u>\$ Each</u>	Descriptions
1	2AU7/ECC82	Mullard	1960's	Moving-Coil	5	\$188.00+	Be it in a Hammond Organ amp or a Vox guitar head
1	2AU7/ECC82	Mullard	1960's	Moving-mag.	6	\$168.00	these ARE the sound of the 60's & 70's. Accurate,
1	2AU7/ECC82	Mullard	1960's	Super-Line	8	\$148.00	detailed and warm.
1	2AU7/ECC82	Mullard	1950's	Moving-Magnet	3	\$360.00	See 1950's Mullard 12AX7 for sonic description.
1	2AU7/ECC82	Mullard	1950's	Super-Line	6	\$310.00	
1	2AU7/ECC82	Mullard	1950's	Line	4	\$260.00	



<u>Type</u>	<u>Manufacturer</u>	<u>Date</u>	<u>Microphonics</u>	<u>Quantity</u>	<u>\$ Each</u>	Descriptions
12AU7/ECC82	Telefunken	1950 - 1960's	Moving-Mag	6	\$220.00+	The classic Tele 12AU7, as with the 12AX7 this is one
12AU7/ECC82	Telefunken	1950 - 1960's	Super-Line	16	\$188.00+	of, if not the most tonally neutral and detailed 12AU7's
12AU7/ECC82	Telefunken	1950 - 1960's	Line	18	\$148.00+	that ever has and will ever be made. Smooth and ribbed
						plates.



6

22

38

Moving-Coil

Moving-Mag

Super-Line

<u>\$ Each</u>

\$88.00

\$68.00

\$48.00

Manufacturer

RCA

RCA

RCA

<u>Date</u>

1970's

1970's

1970's

<u>Type</u>

12AU7/ECC82

12AU7/ECC82

12AU7/ECC82

<b>Descriptions</b>
Type 3 classic top getter. (Getter is back on top again
like the 1950's.) Still have that great classic RCA balance
and creamy sound. Still tough as nails.

12AU7/ECC82	RCA	1970's	Line	42	\$38.00	
12AU7/ECC82 12AU7/ECC82	RCA	1970's	Moving-Coil	8	\$38.00	Type 2, the classic "Cleartop" side-getter units. Classic
		1960's				
12AU7/ECC82	RCA		Moving-Mag	23	\$84.00+	RCA balance & creamy sound in a 12AU7.
12AU7/ECC82	RCA	1960's	Super-Line	29	\$58.00+	Because of its important job as a vertical & horizontal and
12AU7/ECC82	RCA	1960's	Line	38	\$48.00+	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.
12AU7/ECC82	RCA	L. 1940's - E. 1950's	Moving-Magnet	8	\$136.00+	Type 1, The classic black plate 12AU7, another RCA
12AU7/ECC82	RCA	L. 1940's - E. 1950's	Super-Line	17	\$108.00+	original! Developed by RCA in the late 40's this is the
12AU7/ECC82	RCA	L. 1940's - E. 1950's	Line	28	\$76.00+	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 &	RCA	1950's - 1960's	All available	86	\$88.00 -	Top of the line industrial & military, ruggedized, pre-
6189	All The Way!		Great Stuff!		\$148.00+	mium 12AU7. No miniature tubes will ever be made
W, WA						again that are even 1/4 this good. This line was a
& COMMAND					Call For	complete re-engineering of the 12AU7 tube. (Same as
					Details	5751 was to 12AX7) Developed for critical military &
						industrial applications these are true beauties! There
						were several tiers of ruggedness and statistical sam-
						pling, 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	\$50'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.

# **TUNG-SOL**

### vibration = tested

### **ELECTRON TUBES**

			ELECIK	UN TUB	E9	
<u>Type</u>	<b>Manufacturer</b>	Date	<b>Microphonics</b>	Quantity	<u>\$ Each</u>	Descriptions
12AU7	Tung-Sol	1950's - 1960's	Moving-Coil	8	\$108.00	Nice clean bold & clear sound.
12AU7	Tung-Sol	1950's - 1960's	Moving-Magnet	24	\$88.00	Smooth & well balanced from top to
12AU7	Tung-Sol	1950's - 1960's	Super-Line	28	\$66.00	bottom. Gray plates.
12AU7	Tung-Sol	1950's - 1960's	Line	44	\$52.00	
12AU7	Tung-Sol	1945 - 1950	Moving-Coil	4	\$188.00+	The very rare carbonized bulb
12AU7	Tung-Sol	1945 - 1950	Moving-Magnet	6	\$158.00+	units. (Black glass). First version!
12AU7	Tung-Sol	1945 - 1950	Super-Line	9	\$108.00+	These have a great tactile immediacy & are
12AU7	Tung-Sol	1945 - 1950	Line	9	\$78.00	super clean & real sounding.
	•	•	-			·

### Matsushita

<u>Type</u>	<u>Manufacturer</u>	Date	Microphonics	<u>Quantity</u>	<u>\$ Each</u>	<b>Descriptions</b>
12AU7	Matsushita	1960's	Moving-Coil	14	\$88.00	A very good 12AU7 made in Japan during the 60's and
12AU7	Matsushita	1960's	Moving-Magnet	10	\$78.00	70's. These units are extremely well made and have
12AU7	Matsushita	1960's	Super-Line	16	\$58.00	a warm, sweet tonal balance. Far, far better than
12AU7	Matsushita	1960's	Line	8	\$38.00	anything being made in the last 35 years.

# 12AT7/ECC81

	Amperex									
<u>Type</u>	<u>Manufacturer</u>	<u>Date</u>	<u>Microphonics</u>	<u>Quantity</u>	<u>\$ Each</u>	<b>Descriptions</b>				
12AT7/ECC81	Amperex	1960's - 1970's	Moving-Coil	1	\$148.00	The classic Amperex 12AT7 that has the same				

12AT7/ECC81	Amperex	1960's - 1970's	Moving-Magnet	7	\$118.00+	personality as the whole 12 series, extended and
12AT7/ECC81	Amperex	1960's - 1970's	Super-Line	21	\$98.00+	sweet at the top, full and rich across the rest of
12AT7/ECC81	Amperex	1960's - 1970's	Line	14	\$78.00+	the spectrum.
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!
						D Getters with splash plate.
				llard		1
Type	Manufacturar	Data	Microphonico	Quantity	¢ Each	Descriptions
<u>Type</u>	Manufacturer	<u>Date</u>	Microphonics	Quantity	<u>\$ Each</u>	Descriptions
12AT7/ECC81	Mullard	1946 - 1958	Moving-Coil	4	\$188.00+	Original first tooling/first version of this tube
12AT7/ECC81 12AT7/ECC81	Mullard Mullard	1946 - 1958 1946 - 1958	Moving-Coil Phono	4 8	\$188.00+ \$164.00+	
12AT7/ECC81	Mullard	1946 - 1958	Moving-Coil	4	\$188.00+	Original first tooling/first version of this tube
12AT7/ECC81 12AT7/ECC81	Mullard Mullard	1946 - 1958 1946 - 1958	Moving-Coil Phono	4 8	\$188.00+ \$164.00+	Original first tooling/first version of this tube Rare hard to fing D Getters, etc.
12AT7/ECC81 12AT7/ECC81 12AT7/ECC81	Mullard Mullard Mullard	1946 - 1958 1946 - 1958 1946 - 1958	Moving-Coil Phono Super-Line	4 8 12	\$188.00+ \$164.00+ \$136.00+	Original first tooling/first version of this tube Rare hard to fing D Getters, etc.
12AT7/ECC81 12AT7/ECC81 12AT7/ECC81 12AT7/ECC81	Mullard Mullard Mullard Mullard	1946 - 1958 1946 - 1958 1946 - 1958 1946 - 1958	Moving-Coil Phono Super-Line Line	4 8 12 16	\$188.00+ \$164.00+ \$136.00+ \$118.00+	Original first tooling/first version of this tube Rare hard to fing D Getters, etc. Call for prices and details
12AT7/ECC81 12AT7/ECC81 12AT7/ECC81 12AT7/ECC81 12AT7/ECC81	Mullard Mullard Mullard Mullard Mullard	1946 - 1958 1946 - 1958 1946 - 1958 1946 - 1958 1946 - 1958	Moving-Coil Phono Super-Line Line Moving-Coil	4 8 12 16 13	\$188.00+ \$164.00+ \$136.00+ \$118.00+ \$148.00	Original first tooling/first version of this tube Rare hard to fing D Getters, etc. Call for prices and details Classic three port type that did not change for about
12AT7/ECC81 12AT7/ECC81 12AT7/ECC81 12AT7/ECC81 12AT7/ECC81 12AT7/ECC81	Mullard Mullard Mullard Mullard Mullard Mullard	1946 - 1958 1946 - 1958 1946 - 1958 1946 - 1958 1946 - 1958 1958 - 1968 1958 - 1968	Moving-Coil Phono Super-Line Line Moving-Coil Moving-Magnet	4 8 12 16 13 17	\$188.00+ \$164.00+ \$136.00+ \$118.00+ \$148.00 \$128.00	Original first tooling/first version of this tube Rare hard to fing D Getters, etc. Call for prices and details Classic three port type that did not change for about 28 years.One of the best, lowest distortion, sweetest,
12AT7/ECC81 12AT7/ECC81 12AT7/ECC81 12AT7/ECC81 12AT7/ECC81 12AT7/ECC81 12AT7/ECC81	Mullard Mullard Mullard Mullard Mullard Mullard Mullard	1946 - 1958 1946 - 1958 1946 - 1958 1946 - 1958 1946 - 1958 1958 - 1968 1958 - 1968 1958 - 1968	Moving-Coil Phono Super-Line Line Moving-Coil Moving-Magnet Super-Line	4 8 12 16 13 17 12	\$188.00+ \$164.00+ \$136.00+ \$118.00+ \$148.00 \$128.00 \$88.00	Original first tooling/first version of this tube Rare hard to fing D Getters, etc. Call for prices and details 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
12AT7/ECC81 12AT7/ECC81 12AT7/ECC81 12AT7/ECC81 12AT7/ECC81 12AT7/ECC81 12AT7/ECC81 12AT7/ECC81	Mullard Mullard Mullard Mullard Mullard Mullard Mullard Mullard	1946 - 1958 1946 - 1958 1946 - 1958 1946 - 1958 1946 - 1958 1958 - 1968 1958 - 1968 1958 - 1968	Moving-Coil Phono Super-Line Line Moving-Coil Moving-Magnet Super-Line Line	4 8 12 16 13 17 12 28	\$188.00+ \$164.00+ \$136.00+ \$118.00+ \$148.00 \$128.00 \$88.00 \$66.00+	Original first tooling/first version of this tube Rare hard to fing D Getters, etc. Call for prices and details 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 12AT7/ECC81 12AT7/ECC81 12AT7/ECC81 12AT7/ECC81 12AT7/ECC81 12AT7/ECC81 12AT7/ECC81 12AT7/ECC81	Mullard Mullard Mullard Mullard Mullard Mullard Mullard Mullard Mullard	1946 - 1958 1946 - 1958 1946 - 1958 1946 - 1958 1946 - 1958 1958 - 1968 1958 - 1968 1958 - 1968 1958 - 1968 1958 - 1968	Moving-Coil Phono Super-Line Line Moving-Coil Moving-Magnet Super-Line Line Moving-Coil	4 8 12 16 13 17 12 28 3	\$188.00+ \$164.00+ \$136.00+ \$118.00+ \$148.00 \$128.00 \$88.00 \$66.00+ \$168.00	Original first tooling/first version of this tube Rare hard to fing D Getters, etc. Call for prices and details 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.



.

<u>Type</u>	Manufacturer	Date	Microphonics	Quantity	<u>\$ Each</u>	Descriptions
12AT7/ECC81	Telefunken	1950's - 1960's	Moving-Coil	5	\$186.00+	The famous German 12AT7 that is so full and rich
12AT7/ECC81	Telefunken	1950's - 1960's	Moving-Magnet	14	\$156.00+	and detailed at the same time tonally neutral.
12AT7/ECC81	Telefunken	1950's - 1960's	Super-Line	12	\$118.00	
12AT7/ECC81	Telefunken	1950's - 1960's	Line	8	\$94.00	



2

4

7

Call

Microphonics Quantity

Moving-Coil

Super-Line

Call

Moving-Magnet

Manufacturer

Siemens

Siemens

Siemens

Siemens

<u>Date</u>

1950's - 1960's

1950's - 1960's

1950's - 1960's

1960s

<u>Type</u>

12AT7/ECC81

12AT7/ECC81

12AT7/ECC81

12AT7WA/E81CC

<u>\$ Each</u>	Descriptions
\$168.00+	Very close to both Amperex and Telefunken in sound,
\$138.00+	neutral, sweet and SUPER detailed with a top end
\$118.00	that goes on and on and on!
Call	Several nice units in stock at any one time.



<u>Type</u>	<u>Manufacturer</u>	Date	<u>Microphonics</u>	<u>Quantity</u>	<u>\$ Each</u>	Descriptions		
12AT7	RCA	1968 - 1976	Moving-Coil	4	\$98.00	More of the same great sound, two different plate		
12AT7	RCA	1968 - 1976	Moving-Mag	7	\$68.00	types; wing & box. Plate changed from black to gray		
12AT7	RCA	1968 - 1976	Super-Line	12	\$58.00	in 1958. These tubes are a great bargain at their		
12AT7	RCA	1968 - 1976	Line	22	\$38.00	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	RCA	1958 - 1968	Moving-Coil	6	\$118.00	Same tooling as below, Gray-plates now, tooling NEVER		
12AT7	RCA	1958 - 1968	Moving-Mag	9	\$88.00	changed for these in 31 YEARS. How many		
12AT7	RCA	1958 - 1968	Super-Line	14	\$68.00	manufacturers can say that now?		
	•	•	•	•	•	•		

12AT7	RCA	1958 - 1968	Line	24	\$52.00	
12AT7	RCA	1946 - 1958	Moving-Coil	2	\$138.00	The original 12AT7 and best ever made in America.
12AT7	RCA	1946 - 1958	Moving-Mag	5	\$118.00	Original tooling with wing type plates. Has that true
12AT7	RCA	1946 - 1958	Super-Line	8	\$94.00	blue, top to bottom balance that all RCA tubes have.
12AT7	RCA	1946 - 1958	Line	14	\$74.00	
12AT7WA/6201	RCA	1958 - 1968	Moving-Coil	2	\$156.00	More of the greatest that RCA could produce, nothing
12AT7WA/6201	RCA	1958 - 1968	Moving-Magnet	5	\$138.00	like this stuff will EVER be made again! Total opposite of
12AT7WA/6201	RCA	1958 - 1968	Super-Line	8	\$88.00	the CRAP being made today in China & Russia!
12AT7WA/6201	RCA	1958 - 1968	Line	8	\$68.00	

### **TUNG-SOL** vibration = tested **ELECTRON TUBES**

.

**Descriptions** 

Туре	<u>Manufacturer</u>	Date	Microphonics	Quantity	<u>\$ Each</u>	Descriptions
12AT7	Tung-Sol	1958 - 1970's	Moving-Coil	5	\$92.00	Nice clean bold & clear sound.
12AT7	Tung-Sol	1958 - 1970's	Moving-Magnet	8	\$76.00	Smooth & well balanced from top to
12AT7	Tung-Sol	1958 - 1970's	Super-Line	13	\$58.00	bottom.
12AT7	Tung-Sol	1958 - 1970's	Line	28	\$46.00	
12AT7	Tung-Sol	1945 - 1958	Moving-Coil	1	\$124.00	Black plates
12AT7	Tung-Sol	1945 - 1958	Moving-Magnet	5	\$108.00	
12AT7	Tung-Sol	1945 - 1958	Super-Line	8	\$72.00	
12AT7	Tung-Sol	1945 - 1958	Line	14	\$66.00	



<u>Type</u>

12AT7/6201

# Brimar

<u>Type</u> 12AT7

Manufacturer Brimar

1950's - 1960's

<u>Date</u>

Microphonics Quantity 16

Call

\$66-\$88 Nice British units

<u>\$ Each</u>

**Descriptions** 

# 6DJ8/ECC88

,p 01 0/							
<u>Type</u>	<u>Manufacturer</u>	Date	Microphonics	Quantity	<u>\$ Each</u>	Descriptions	
6DJ8/ECC88	Amperex	Mid 1970's	Moving-Magnet	2	\$186.00+	One of the few tubes still made well into the 70's with	
6DJ8/ECC88	Amperex	Mid 1970's	Super-Line	8	\$148.00+	really good quality! Most of these used "A" shaped	
6DJ8/ECC88	Amperex	Mid 1970's	Line	12	\$102.00+	getter support.	
6DJ8/ECC88	Amperex	1968 - 1970's	Moving-Coil	2	\$188.00+	A frame, the second tooling of this tube, made on	
6DJ8/ECC88	Amperex	1968 - 1970's	Moving-Magnet	6	\$158.00+	higher speed, second generation machinery. There	
6DJ8/ECC88	Amperex	1968 - 1970's	Super-Line	9	\$138.00+	are three types of these. All are very nice full bodied,	
6DJ8/ECC88	Amperex	1968 - 1970's	Line	12	\$106.00+	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	1964-1968 O Getter	Moving-Coil	3	\$218.00	Type 2, Still the same great tube. Some tooling	
6DJ8/ECC88	Amperex	1964-1968 O Getter	Moving-Magnet	6	\$186.00	changes. "Bugle Boys".	
6DJ8/ECC88	Amperex	1964-1968 O Getter	Super-Line	8	\$156.00		
6DJ8/ECC88	Amperex	1964-1968 O Getter	Line	14	\$118.00		
6DJ8/ECC88	Amperex	1958-1962 D Getter	Moving-Coil	Call	\$258.00+	The original 6DJ8 developed by Amperex in 1958.	
6DJ8/ECC88	Amperex	1958-1962 D Getter	Moving-mag.	Call	\$238.00+	First used for Hi-Fi, in Tuners such as the Fisher	
6DJ8/ECC88	Amperex	1958-1962 D Getter	Super-Line	Call	\$208.00+	FM-1000 and as the input tube for the Marantz model	
6DJ8/ECC88	Amperex	1958-1962 D Getter	Line	Call	\$158.00+	9 power amp. The sweetest, most liquid & accurate	
						6DJ8 ever made. Like the best tubes, these seem to	
					1	•	

be able to sort out the noise from the music.



<u>Type</u>	<u>Manufacturer</u>	Date	<u>Microphonics</u>	Quantity	<u>\$ Each</u>	Descriptions
6DJ8/ECC88	Mullard	1970's	Moving-Magnet	0	\$188.00	Still a great tube, cooling off a bit in tonal balance.
6DJ8/ECC88	Mullard	Mid 1960's	Moving-Magnet	2	\$168.00	Same beautiful sound as below still made with the
		Mid 1970's	Super-Line	4	\$128.00	same Mullard care and greatness.
		Mid 1970's	Line	6	\$88.00	
6DJ8/ECC88	Mullard	1960's	Moving-Coil	13	\$226.00+	As with any Mullard, this is the warmest line of 6DJ8's
			Moving-Magnet	4	\$182.00+	ever made, warm, sweet, detailed, sound with a
			Super-Line	8	\$158.00+	velvety background. Only thing more liquid than the
			Line	11	\$138.00+	Amperex Bugle Boy.

### Siemens & Halski

<u>Type</u>	<u>Manufacturer</u>	Date
6DJ8/ECC88	Siemens & Halski	Early 1960's
6DJ8/ECC88	Siemens & Halski Siemens & Halski Siemens & Halski	Early 1960's
6DJ8/ECC88	Siemens & Halski	Early 1960's

<b>Microphonic</b>	<u>s Quantity</u>	<u>/ \$Each</u>
Moving-Mag	5	\$238.00
Super-Line	6	\$218.00
Line	11	\$168.00

#### **Descriptions**

For those who have been around this tube for 30 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.



Date

Date

1970's

1970's

<u>Type</u>	<u>Manufacturer</u>	
6DJ8/ECC88	Telefunken	1960's
6DJ8/ECC88	Telefunken	1960's
6DJ8/ECC88	Telefunken	1960's

Microphonics	<u>Quantity</u>	<u>\$ Each</u>
Moving-Magnet	3	\$360.00
Super-Line	5	\$290.00
Line	6	\$198.00

### **Descriptions**

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!

# Matsushita

<u>Type</u>	<u>Manufacturer</u>	Date
6DJ8/ECC88	Matsushita	1960's - 1970's
6DJ8/ECC88	Matsushita	1960's - 1970's
6DJ8/ECC88	Matsushita	1960's - 1970's

Manufacturer

Sylvania

Sylvania

<u>Type</u>

6DJ8/ECC88

6DJ8/ECC88

Microphonics	<b>Quantity</b>	<u>\$ Each</u>
Moving-Magnet	2	\$78.00+
Super-Line	4	\$68.00+
Line	12	\$48.00

### **Descriptions**

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 35 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.



8

16

Moving-Magnet

Super-Line

<u>\$ Each</u>

\$56.00+

\$44.00+

<u>Descriptions</u>
Same as below. As with most tubes made after

about 1978, they started to sound hard and harsh.

6DJ8/ECC88	Sylvania	1970's	Line	12	\$32.00+	
6DJ8/ECC88	Sylvania	1960's	Moving-Magnet	8	\$58.00+	Nice clean sounding well balanced units. Good and
6DJ8/ECC88	Sylvania	1960's	Super-Line	16	\$48.00+	reliable.
6DJ8/ECC88	Sylvania	1960's	Line	22	\$38.00+	

# E.I. of Yugoslavia

**Descriptions** 

Nice neutral and vivid sounding tubes.

Great detail and a broad neutral balanced sound

at a great price. Made in Yugoslavia in 1976.

<u>Type</u>	<u>Manufacturer</u>	Date
6DJ8/ECC88	E.I. of Yugoslavia	1970's
6DJ8/ECC88	E.I. of Yugoslavia	1970's
6DJ8/ECC88	E.I. of Yugoslavia	1970's
6DJ8/ECC88	E.I. of Yugoslavia	1970's

	J	
Microphonics	<u>Quantity</u>	<u>\$ Each</u>
Moving-Coil	28	\$66.00
Moving-Magnet	46	\$52.00
Super-Line	62	\$42.00
Line	78	\$32.00

# 7DJ8 / PCC88







Туре	<u>Manufacturer</u>	Date	Microphonics	Quantity	<u>\$ Each</u>	Descriptions
7DJ8	Amperex	1950's & 1960's	Phono	5	\$118.00	7DJ8 is exact same structure as 6DJ8. Just a 7 Volt
7DJ8	Amperex	1950's & 1960's	Super-Line	6	\$94.00	Heater (See 6DJ8 description)
7DJ8	Siemens	1950's & 1960's	Phono	6	\$108.00	
7DJ8	Valvo	1950's & 1960's	Phono	6	\$118.00	
7DJ8	Telefunken	1950's & 1960's	Phono	2	\$144.00	
7DJ8	Telefunken	1950's & 1960's	Super-Line	4	\$128.00	
7DJ8	Mullard	1950's & 1960's	Phono	4	\$128.00	
7DJ8	Mullard	1950's & 1960's	Super-Line	6	\$92.00	]

# 6922/E88CC

<u>Type</u>	Manufacturer	Date	Microphonics	Quantity	<u>\$ Each</u>	Descriptions		
6922/E88CC	Amperex	1958 - 1970's	Moving-Magnet	3	\$268.00+	This is a physically ruggedized version of 6DJ8 for		
6922/E88CC	Amperex	1958 - 1970's	Super-Line	6	\$238.00+	Industry & Military use. There were two different plants		
6922/E88CC	Amperex	1958 - 1970's	Line	4	\$168.00+	that made these tubes. One in Holland and one at 230		
						Duffy Avenue on Long Island, New York. There were		
						also several diffrent versions from each plant. I do		
						not have the time to go into them at this time. Call for		
						details.		
Mullard								
Type     Manufacturer     Date     Microphonics     Quantity     \$ Each     Descriptions								
<u>Type</u>	<u>Manufacturer</u>	Date	Microphonics	Quantity	<u>\$ Each</u>	Descriptions		
<b><u>Type</u></b> 6922/E88CC	Manufacturer Mullard (Type 3)	<u>Date</u> 1970's	Microphonics	Quantity Call	<u>\$ Each</u> Call	Descriptions Still a good tube but starting to slip in sweetness		
	1	1	1	1	1			
	1	1	1	1	1	Still a good tube but starting to slip in sweetness		
6922/E88CC	Mullard (Type 3)	1970's	Call	Call	Call	Still a good tube but starting to slip in sweetness now. (also see notes below)		
6922/E88CC	Mullard (Type 3)	1970's 1965 - 1970	Call Moving Mag	Call	Call \$246.00+	Still a good tube but starting to slip in sweetness now. (also see notes below) Same as below. This is one of the most		
6922/E88CC 6922/E88CC 6922/E88CC	Mullard (Type 3)	1970's 1965 - 1970 1965 - 1970	Call Moving Mag Super-Line	Call 2 3	Call \$246.00+ \$188.00+	Still a good tube but starting to slip in sweetness now. (also see notes below) Same as below. This is one of the most		
6922/E88CC 6922/E88CC 6922/E88CC 6922/E88CC	Mullard (Type 3) Mullard (Type 2)	1970's 1965 - 1970 1965 - 1970 1965 - 1970	Call Moving Mag Super-Line Line	Call 2 3 5	Call \$246.00+ \$188.00+ \$156.00+	Still a good tube but starting to slip in sweetness now. (also see notes below) Same as below. This is one of the most counterfeited tubes in the industry. Don't be fooled.		
6922/E88CC 6922/E88CC 6922/E88CC 6922/E88CC 6922/E88CC	Mullard (Type 3) Mullard (Type 2)	1970's 1965 - 1970 1965 - 1970 1965 - 1970 Early 1960's	Call Moving Mag Super-Line Line Moving-Magnet	Call 2 3 5 4	Call \$246.00+ \$188.00+ \$156.00+ \$236.00+	Still a good tube but starting to slip in sweetnessnow. (also see notes below)Same as below. This is one of the mostcounterfeited tubes in the industry. Don't be fooled.As usual the Mullard version of this tube is warm and		
6922/E88CC 6922/E88CC 6922/E88CC 6922/E88CC 6922/E88CC 6922/E88CC	Mullard (Type 3) Mullard (Type 2)	1970's 1965 - 1970 1965 - 1970 1965 - 1970 Early 1960's Early 1960's	Call Moving Mag Super-Line Line Moving-Magnet Super-Line	Call 2 3 5 4 7	Call \$246.00+ \$188.00+ \$156.00+ \$236.00+ \$286.00+	Still a good tube but starting to slip in sweetnessnow. (also see notes below)Same as below. This is one of the mostcounterfeited tubes in the industry. Don't be fooled.As usual the Mullard version of this tube is warm andsmooth but still accurate! The gold plating on the pins		

often they look like they were hammered out by hand using ROCKS!!!)



2

5

Quantity

**Microphonics** 

Super-Line

Line

<u>\$ Each</u>

Call

Call

#### **Descriptions**

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 \$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!

### Siemens & Halski

<u>Type</u>	<u>Manufacturer</u>	<u>Date</u>
6922/E88CC	Siemens & Halski	1960's
6922/E88CC	Siemens & Halski	1960's
6922/E88CC	Siemens & Halski	1960's
6922/E88CC	Siemens & Halski	1960's

**Manufacturer** 

EAST GERMANY

Telefunken of

Microphonics	<u>Quantity</u>	<u>\$ Each</u>
Moving-Coil	2	\$280.00+
Moving-Magnet	5	\$244.00+
Super-Line	6	\$188.00+
Line	4	\$138.00+

#### **Descriptions**

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 80's stuff that's pushed most of the time.



<u>Date</u>

1970's - 1980's

1970's - 1980's



**Microphonics** 

Mullard



**Descriptions** 

**Type** 

**Type** 

6922/E88CC

6922/E88CC

Manufacturer

<u>Date</u>

**Quantity** 

<u>\$ Each</u>

7308 Amperex 1961 & Later Call Call \$188 - \$290 The 7308	was an attempt at further refining the 6022
	was an allempt at further relining the 0922
Mullard and feature	ed tighter control of all specs. Fabulous tube
Telefunken if you actual	ally get good early production. While we are
Etc. we are on the second seco	this subject let me share with you a bit about
testing the	se 6DJ8, 6922 "Frame Grid" types of tubes.
For as mar	ny years as I have been testing & studying
tubes, these	se have eluded me until the last few years. I
can't go int	to details here but now I understand MUCH
more abou	t these. It's no wonder that most audio
people and	d even tube dealers don't have any idea
why they g	et such differing sonic results from tubes,
even those	e of the same batch.