

# Rectifiers

## 5AR4/GZ34



<u>Type</u>	<u>Manufacturer</u>	<u>Date</u>	<u>Extra Test</u>	<u>Quantity</u>	<u>\$ Each</u>	<u>Description</u>
5AR4/GZ34	Mullard	1970's	H.V. Test	4	\$96.00+	1970's version of below, still going strong. A great tube to the end.
5AR4/GZ34	Mullard	1960's	H.V. Test	8	\$96.00+	The original Mullard "last forever" tube. Like the EL-34, the 5AR4 is as tough as nails and supplies a strong, beautifully black, velvety quiet background for the music.

## Amperex

<u>Type</u>	<u>Manufacturer</u>	<u>Date</u>	<u>Extra Test</u>	<u>Quantity</u>	<u>\$ Each</u>	<u>Description</u>
5AR4/GZ34	Amperex	1950's - 1960's	H.V. Test	3	\$96.00+	I have several in stock at any time basically the same tube as the Mullard but made in Holland by the Dutch.
5AR4/GZ34	Amperex	1950's	H.V. Test	Call	Call	The original metal base version. See below.



<u>Type</u>	<u>Manufacturer</u>	<u>Date</u>	<u>Extra Test</u>	<u>Quantity</u>	<u>\$ Each</u>	<u>Description</u>
5AR4/GZ34	Sylvania	1970's	H.V. Test	6	\$88.00	Fat bottle, the finest non-European 5AR4 made. Gaining popularity fast. Good long-lasting tube.

## GE

<u>Type</u>	<u>Manufacturer</u>	<u>Date</u>	<u>Extra Test</u>	<u>Quantity</u>	<u>\$ Each</u>	<u>Description</u>
5AR4/GZ34	General Electric	1960's - 1970's	H.V. Test	8	\$50's & \$60's	One of the few good tubes GE ever made.

## Matsushita

<u>Type</u>	<u>Manufacturer</u>	<u>Date</u>	<u>Extra Test</u>	<u>Quantity</u>	<u>\$ Each</u>	<u>Description</u>
5AR4/GZ34	Matsushita	1960's - 1970's	H.V. Test	14	\$68.00	Tough, long lasting and strong.

## All Others

<u>Type</u>	<u>Manufacturer</u>	<u>Date</u>	<u>Extra Test</u>	<u>Quantity</u>	<u>\$ Each</u>	<u>Description</u>
5AR4/GZ34	All Others					I wouldn't touch them with a ten foot pole. This is not a place to fool around. If you can't afford a couple of these every half century try a lower priced hobby like marbles.

**5AS4**

# TUNG-SOL

*vibration = tested*

## ELECTRON TUBES

<u>Type</u>	<u>Manufacturer</u>	<u>Date</u>	<u>Extra Test</u>	<u>Quantity</u>	<u>\$ Each</u>	<u>Description</u>
5AS4	Tung-Sol	1950's - 1960's	H.V. Test	3	Call	Super 5U4. Here is a good example of a great/super tube that is totally overlooked and ignored by the usual nimrods and idiots that write the magazines.
5AW4	Tung-Sol	1950's - 1960's	H.V. Test	8	Call	Same as above. Super 5U4

## 5R4-GY



<u>Type</u>	<u>Manufacturer</u>	<u>Date</u>	<u>Extra Test</u>	<u>Quantity</u>	<u>\$ Each</u>	<u>Description</u>
5R4-GY	RCA					A higher voltage relative of the 5U4, it went through the same modernizing changes as the 5U4. A beautiful, tall, full size rectifier tube & STILL a workhorse of the industry after 60 YEARS!!! Special mica laced brown base (Micanol) for strong resistance to arc-over & many other special features. BELOW are shown the 3 conditions of these tubes & their prices.
5R4-GY	RCA	1944-1948	H.V. Test		\$168.00	Two getters in original box
5R4-GY	RCA	1944-1948	H.V. Test		\$138.00	Two getters in white box
5R4-GY	RCA	1944-1948	H.V. Test		\$108.00	Two getters in white box scuffed base
5R4-GY	RCA	1948-1960's	H.V. Test		\$86.00	One getter in original box

5R4-GY	RCA	1948-1960's	H.V. Test		\$56.00	One getter in white box
5R4-GY	RCA	1948-1960's	H.V. Test		\$56.00	One getter in white box scuffed base
5R4-GYB	RCA	1960's	H.V. Test	32	\$30's	Same guts in a straight sided bottle.
5R4-GYB	RCA	1968 - 1976	H.V. Test	44	\$28.00	Same guts in a straight sided bottle.

## TUNG-SOL

*vibration = tested*

### ELECTRON TUBES

<u>Type</u>	<u>Manufacturer</u>	<u>Date</u>	<u>Extra Test</u>	<u>Quantity</u>	<u>\$ Each</u>	<u>Description</u>
5R4-GYB	Tung-Sol	1960's	H.V. Test	8	\$30's+	



<u>Type</u>	<u>Manufacturer</u>	<u>Date</u>	<u>Extra Test</u>	<u>Quantity</u>	<u>\$ Each</u>	<u>Description</u>
5R4-GYB	Sylvania	1950's - 1970's	H.V. Test	16	\$20's - \$30's	

## GE

<u>Type</u>	<u>Manufacturer</u>	<u>Date</u>	<u>Extra Test</u>	<u>Quantity</u>	<u>\$ Each</u>	<u>Description</u>
5R4-GYA	GE	1950's - 1960's	H.V. Test	18	Call	The big tall plate bad-ass version with wire arbors!
5R4-GYB	GE	1950's - 1960's	H.V. Test	16	\$26.00	The regular version.

## 5R4-WGY

## Chatham & Tung-sol

<u>Type</u>	<u>Manufacturer</u>	<u>Date</u>	<u>Extra Test</u>	<u>Quantity</u>	<u>\$ Each</u>	<u>Description</u>
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5R4-WGY	Chatham & Tung-sol	1950's & 1960's	H.V. Test	144	\$30's & \$40's	The killer full skirted super ruggedized version of this tube. See factory tour page for release sheet
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## Raytheon

<u>Type</u>	<u>Manufacturer</u>	<u>Date</u>	<u>Extra Test</u>	<u>Quantity</u>	<u>\$ Each</u>	<u>Description</u>
5R4-WGB	Raytheon	1960's - 1970's	H.V. Test	21	\$32.00	Each company had its own tooling for this tube and each was a work of art. This version extended the cathode wires way up into the top of the bulb above the plates and makes for two cool glowing V's at the top.

## Cetron

<u>Type</u>	<u>Manufacturer</u>	<u>Date</u>	<u>Extra Test</u>	<u>Quantity</u>	<u>\$ Each</u>	<u>Description</u>
5R4-WGB	Cetron	1970's	H.V. Test	4	\$12 - \$28	Post T-S tube made in Lafox, IL but way lower quality. Nearing the last time these will be made for Uncle Sam. Let the Chinese or the Russians try to copy this one.

## 5U4-GB



<u>Type</u>	<u>Manufacturer</u>	<u>Date</u>	<u>Extra Test</u>	<u>Quantity</u>	<u>\$ Each</u>	<u>Description</u>
5U4-GB	RCA	1955 - 1970's	H.V. Test	58	\$38.00	Here come the series string tubes, same as below but with more tightly controlled heater

						ribbon.
5U4-GB	RCA	1952 +	H.V. Test	17	\$58 - \$62	Tall bottle. The re-engineered straight sided issue that loses the glass press. As with most of the re-engineering efforts this one was primarily for more reliable service. Overall it was an even brake.
5U4-G	RCA	1940's - 1950's	H.V. Test	16	\$76.00+	The classic big bottle units that built America. Long lasting, strong and pure. The large clearances, absence of mica and the hard vacuum these units posses gives them a very high noise rejection ratio compared to units made today. Their ultra pure metallurgy and chemistry combined with 50+ years of RCA expertise make for a truly long lasting and sweet tube.



<u>Type</u>	<u>Manufacturer</u>	<u>Date</u>	<u>Extra Test</u>	<u>Quantity</u>	<u>\$ Each</u>	<u>Description</u>
5U4-GB	Sylvania	1955 - 1965	H.V. Test	52	\$30's	Still a very nice and tough tube.
5U4-GB	Sylvania	1950-1955	H.V. Test	36	\$40's	Same modernizing changes as RCA.
5U4-G	Sylvania	1940's - 1950's		8	\$50's	Another winner! Same story as RCA

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

<u>Type</u>	<u>Manufacturer</u>	<u>Date</u>	<u>Extra Test</u>	<u>Quantity</u>	<u>\$ Each</u>	<u>Description</u>
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5U4-G	Tung-Sol	1940's - 1950's	H.V. Test	8	\$66+	Another Winner, same story as RCA & Sylvania.
5U4-GB	Tung-Sol	1950's - 1960's	H.V. Test	10	\$50's	

## Ken Rad

<u>Type</u>	<u>Manufacturer</u>	<u>Date</u>	<u>Extra Test</u>	<u>Quantity</u>	<u>\$ Each</u>	<u>Description</u>
5U4-G	Ken Rad	1940's - 1950's	H.V. Test	10	Call	Nice, early wire spring units. WWII

## National Union

<u>Type</u>	<u>Manufacturer</u>	<u>Date</u>	<u>Extra Test</u>	<u>Quantity</u>	<u>\$ Each</u>	<u>Description</u>
5U4-G	National Union	1940's - 1950's	H.V. Test	8	Call	

## Raytheon

<u>Type</u>	<u>Manufacturer</u>	<u>Date</u>	<u>Extra Test</u>	<u>Quantity</u>	<u>\$ Each</u>	<u>Description</u>
5U4-G	Raytheon	1940's - 1950's	H.V. Test	16	\$48 - \$68+	

## CBS Hytron

<u>Type</u>	<u>Manufacturer</u>	<u>Date</u>	<u>Extra Test</u>	<u>Quantity</u>	<u>\$ Each</u>	<u>Description</u>
5U4-G	CBS Hytron	1940's - 1950's	H.V. Test	5	\$48 - \$58+	

**5931**



<u>Type</u>	<u>Manufacturer</u>	<u>Date</u>	<u>Extra Test</u>	<u>Quantity</u>	<u>\$ Each</u>	<u>Description</u>
5931	Sylvania	1950's - 1960's	H.V. Test	8	Call	Supper rugged 5U4

## 5Y3-GT



<u>Type</u>	<u>Manufacturer</u>	<u>Date</u>	<u>Extra Test</u>	<u>Quantity</u>	<u>\$ Each</u>	<u>Description</u>
5Y3-GT	RCA	1965 - 1975	H.V. Test	8	\$20's - \$30's	The original by the original.
5Y3-GT	RCA	1955 - 1965	H.V. Test	36	\$30's - \$40's	
5Y3-GT	RCA	1946 - 1955	H.V. Test	12	\$40's - \$50's	
5Y3-GT	RCA	1940 - 1946	H.V. Test	4	\$40's - \$50's	



<u>Type</u>	<u>Manufacturer</u>	<u>Date</u>	<u>Extra Test</u>	<u>Quantity</u>	<u>\$ Each</u>	<u>Description</u>
5Y3-GT	Sylvania	1965 - 1975	H.V. Test	14	\$20's - \$30's	Solid Sylvania.
5Y3-GT	Sylvania	1950 - 1965	H.V. Test	25	\$30's - \$40's	
5Y3-GT	Sylvania	1940 - 1950	H.V. Test	6	\$40's - \$50's	

## TUNG-SOL

*vibration = tested*

**ELECTRON TUBES**

<u>Type</u>	<u>Manufacturer</u>	<u>Date</u>	<u>Extra Test</u>	<u>Quantity</u>	<u>\$ Each</u>	<u>Description</u>
5Y3-GT	Tung-Sol	1950's - 1960's	H.V. Test	18	\$30's - \$40's	True Tung-Sol quality.
5Y3-GT	Tung-Sol	1940's - 1958	H.V. Test	12	\$40's - \$50's	

Ken Rad



<u>Type</u>	<u>Manufacturer</u>	<u>Date</u>	<u>Extra Test</u>	<u>Quantity</u>	<u>\$ Each</u>	<u>Description</u>
5Y3-GT	Ken Rad	1950's	H.V. Test	7	\$30's - \$40's	Kentucky radio.
5Y3-GT	Ken Rad	1940's	H.V. Test	3	\$40's - \$50's	

## 6087

### GE

<u>Type</u>	<u>Manufacturer</u>	<u>Date</u>	<u>Extra Test</u>	<u>Quantity</u>	<u>\$ Each</u>	<u>Description</u>
6087	GE	1950's - 1960's	H.V. Test	4	Call	Premium, ruggedized = 5Y3-WGTA

## 6106

### Bendix

<u>Type</u>	<u>Manufacturer</u>	<u>Date</u>	<u>Extra Test</u>	<u>Quantity</u>	<u>\$ Each</u>	<u>Description</u>
6106	Bendix	1950's - 1960's	H.V. Test	4	\$36-\$52	Premium, ruggedized = 5Y3-WGTA
6106	Bendix	1950's - 1960's	H.V. Test	4	\$46.00	New white box

## 5Z3



5Z3	RCA	1955	H.V. Test	13	\$22.00+	Classic four pin rectifier, predecessor to the 5U4.
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<u>Type</u>	<u>Manufacturer</u>	<u>Date</u>	<u>Extra Test</u>	<u>Quantity</u>	<u>\$ Each</u>	<u>Description</u>
5Z3	Sylvania	1940's	H.V. Test	12	\$22.00+	Sylvania version of above

## 6AU4



<u>Type</u>	<u>Manufacturer</u>	<u>Date</u>	<u>Extra Test</u>	<u>Quantity</u>	<u>\$ Each</u>	<u>Description</u>
6AU4	RCA	1950's - 1960's	H.V. Test	22	\$12 - \$28	Original version of half wave rectifier used in Marantz equipment.

## TUNG-SOL

*vibration = tested*

**ELECTRON TUBES**

<u>Type</u>	<u>Manufacturer</u>	<u>Date</u>	<u>Extra Test</u>	<u>Quantity</u>	<u>\$ Each</u>	<u>Description</u>
6AU4	Tung-Sol	1950's - 1960's	H.V. Test	20	\$12-\$28	A good tube at a good price.



<u>Type</u>	<u>Manufacturer</u>	<u>Date</u>	<u>Extra Test</u>	<u>Quantity</u>	<u>\$ Each</u>	<u>Description</u>
6AU4	Sylvania	1950's - 1960's	H.V. Test	20	\$12-\$28	A good tube at a good price.

## 6CA4/EZ-81



Since 1903

<u>Type</u>	<u>Manufacturer</u>	<u>Date</u>	<u>Extra Test</u>	<u>Quantity</u>	<u>\$ Each</u>
6CA4/EZ-81	Telefunken	1960	H.V. Test	1	\$54+

Description  
A beauty the only one I have.

## Amperex

<u>Type</u>	<u>Manufacturer</u>	<u>Date</u>	<u>Extra Test</u>	<u>Quantity</u>	<u>\$ Each</u>
6CA4/EZ-81	Amperex	1960's	H.V. Test	11	\$46.00

Description  
The great 9 pin 150 Ma. rectifier from the 50's.  
I stock these from all three decades. All are good the earlier ones tend to last a bit longer.



<u>Type</u>	<u>Manufacturer</u>	<u>Date</u>	<u>Extra Test</u>	<u>Quantity</u>	<u>\$ Each</u>
6CA4/EZ-81	Mullard				

Description  
Same as above. These, like the EL-84, will run great and test new even if they look as dark as cigars! Below are the 3 conditions of these tubes & their prices.

6CA4/EZ-81	Mullard	1950's- 1960's	H.V. Test	6	\$68.00	Nice big box
6CA4/EZ-81	Mullard	1950's- 1960's	H.V. Test	5	\$62.00	Nice small box
6CA4/EZ-81	Mullard	1950's- 1960's	H.V. Test	14	\$54.00	Nice white box
6CA4/EZ-81	Mullard	1950's- 1960's	H.V. Test	38	\$44.00	Used white box



<u>Type</u>	<u>Manufacturer</u>	<u>Date</u>	<u>Extra Test</u>	<u>Quantity</u>	<u>\$ Each</u>	<u>Description</u>
6CA4/EZ-81	RCA	1960's	H.V. Test	48	\$28-\$34	Good R.C.A. version. Long lasting.

## 6V4/EZ-80



<u>Type</u>	<u>Manufacturer</u>	<u>Date</u>	<u>Extra Test</u>	<u>Quantity</u>	<u>\$ Each</u>	<u>Description</u>
6V4/EZ-80	Mullard	1960's	H.V. Test	14	\$46.00	Same as applies to EZ-81 above.

## Amperex

<u>Type</u>	<u>Manufacturer</u>	<u>Date</u>	<u>Extra Test</u>	<u>Quantity</u>	<u>\$ Each</u>	<u>Description</u>
6V4/EZ-80	Amperex	1960's	H.V. Test	14	\$42.00	Same as applies to EZ-81 above.



Since 1903

<u>Type</u>	<u>Manufacturer</u>	<u>Date</u>	<u>Extra Test</u>	<u>Quantity</u>	<u>\$ Each</u>	<u>Description</u>
6V4/EZ-80	Telefunken	1960's	H.V. Test	2	\$48.00	Same as applies to EZ-81 above.

## 6X4



<u>Type</u>	<u>Manufacturer</u>	<u>Date</u>	<u>Extra Test</u>	<u>Quantity</u>	<u>\$ Each</u>	<u>Description</u>
6X4	RCA	1946 - 1968	H.V. Test	76	\$28 - \$38	RCA all the way!



<u>Type</u>	<u>Manufacturer</u>	<u>Date</u>	<u>Extra Test</u>	<u>Quantity</u>	<u>\$ Each</u>	<u>Description</u>
6X4-WA	Sylvania	1965	H.V. Test	18	\$24.00	Ruggedized joint Army-Navy



<u>Type</u>	<u>Manufacturer</u>	<u>Date</u>	<u>Extra Test</u>	<u>Quantity</u>	<u>\$ Each</u>	<u>Description</u>
6X4	Tung-Sol	1950's - 1960's	H.V. Test	14	\$28.00	The best US made 6X4?
6X4W	Tung-Sol	1960's	H.V. Test	24	\$28.00+	Ruggedized joint Army-Navy



<u>Type</u>	<u>Manufacturer</u>	<u>Date</u>	<u>Extra Test</u>	<u>Quantity</u>	<u>\$ Each</u>	<u>Description</u>
6X4	Mullard	1960's	H.V. Test	2	\$38.00	These little guys supply sweet, silent, power to many small signal units both vintage and modern.

## 6X5



<u>Type</u>	<u>Manufacturer</u>	<u>Date</u>	<u>Extra Test</u>	<u>Quantity</u>	<u>\$ Each</u>	<u>Description</u>
6X5GT	RCA	1960's - 1970's	H.V. Test	32	\$26.00+	The original by the original.
6X5GT	RCA	1950's - 1960's	H.V. Test	26	\$36.00	



<u>Type</u>	<u>Manufacturer</u>	<u>Date</u>	<u>Extra Test</u>	<u>Quantity</u>	<u>\$ Each</u>	<u>Description</u>
6X5GT	Sylvania	1950's - 1960's	H.V. Test	22	\$26.00+	Sylvania quality as usual.
6X5GT	Sylvania	1940's - 1950's	H.V. Test	18	\$32.00	

## TUNG-SOL

*vibration = tested*

### ELECTRON TUBES

<u>Type</u>	<u>Manufacturer</u>	<u>Date</u>	<u>Extra Test</u>	<u>Quantity</u>	<u>\$ Each</u>	<u>Description</u>
6X5GT	Tung-Sol	1950's - 1960's	H.V. Test	12	\$36.00	Tung-Sol made a great rectifier tube no matter what the type.
6X5GT	Tung-Sol	1940's - 1950's	H.V. Test	15	\$36.00+	

## Raytheon

<u>Type</u>	<u>Manufacturer</u>	<u>Date</u>	<u>Extra Test</u>	<u>Quantity</u>	<u>\$ Each</u>	<u>Description</u>
6X5GT	Raytheon	1950 - 1960	H.V. Test	12	\$26.00	Good classic 40's, 50's & 60's tube.
6X5GT	Raytheon	1940's - 1950's	H.V. Test	16	\$34.00	

## Ken Rad, NU, CBS & Brimar

<u>Type</u>	<u>Manufacturer</u>	<u>Date</u>	<u>Extra Test</u>	<u>Quantity</u>	<u>\$ Each</u>	<u>Description</u>
6X5GT	Ken Rad, NU, CBS & Brimar		H.V. Test	Many in stock	Call	

**12X4/80**



<u>Type</u>	<u>Manufacturer</u>	<u>Date</u>	<u>Extra Test</u>	<u>Quantity</u>	<u>\$ Each</u>	<u>Description</u>
12X4	RCA	Call	H.V. Test	24	\$26.00	Dyna pass.
80	RCA	1949	H.V. Test	15	\$22.00+	Classic radio rectifier from the 30's ST style.

## Raytheon

<u>Type</u>	<u>Manufacturer</u>	<u>Date</u>	<u>Extra Test</u>	<u>Quantity</u>	<u>\$ Each</u>	<u>Description</u>
80	Raytheon	1957	H.V. Test	18	28+	Same ST style as above.



<u>Type</u>	<u>Manufacturer</u>	<u>Date</u>	<u>Extra Test</u>	<u>Quantity</u>	<u>\$ Each</u>	<u>Description</u>
83	RCA	1950 - 1970	H.V. Test	14	\$34.00+	Rectifier used in Hickok testers & other units.

**83**

# GE

<u>Type</u>	<u>Manufacturer</u>	<u>Date</u>	<u>Extra Test</u>	<u>Quantity</u>	<u>\$ Each</u>	<u>Description</u>
83	GE	1960's	H.V. Test	12	Call	Strange different ones, no vapor inside. Looks like a 5V4 inside.

## 5Y4, 5V4, 6AX5, etc...

<u>Type</u>	<u>Manufacturer</u>	<u>Date</u>	<u>Extra Test</u>	<u>Quantity</u>	<u>\$ Each</u>	<u>Description</u>
5Y4, 5V4, 6AX5, etc...					Call	I have hundreds of these. Many special versions also from all the good companies going back to the 40's. Call for details.