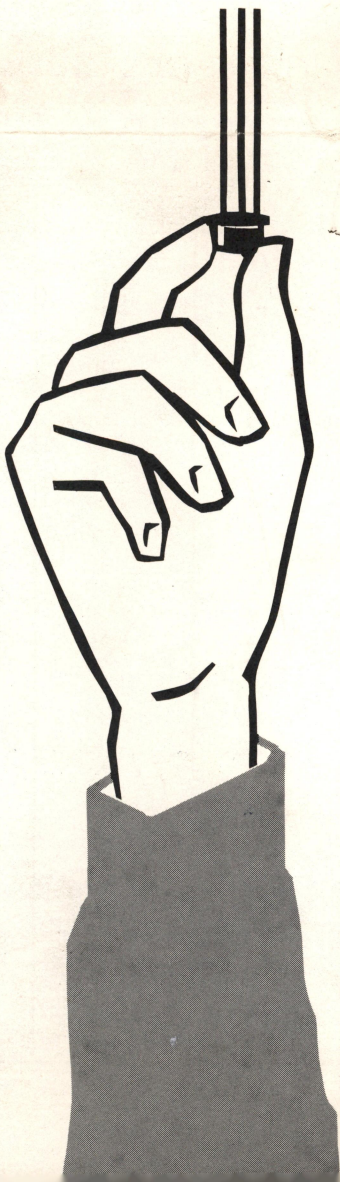


**1963
EDITION**

Northern Radio & Television Corp.
1585 Main Street
435-3789 Green Bay, Wisconsin

**REPLACEMENT
GUIDE
AND CATALOG**



**SERVICE-DESIGNED
ENTERTAINMENT
SEMICONDUCTORS**

| | |
|-------------|------------|
| A | FEW |
| WILL | DO |

**TRANSISTORS
RECTIFIERS
DUAL DIODES
CRYSTAL DIODES**

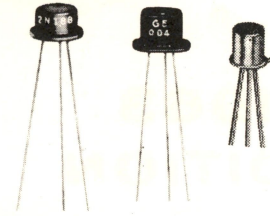


UNIVERSAL REPLACEMENT TRANSISTORS

A FEW
WILL DO

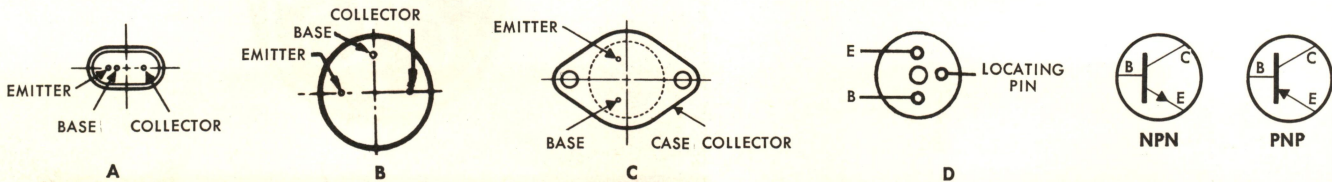
APPLICATION: General Electric Universal Replacement Transistors are specially designed as general replacements for most types of transistors used in radio and other entertainment applications.

Interchangeability with JEDEC and manufacturers numbers are based on available published electrical specifications and General Electric does not claim that these transistors are exact replacements for the types listed.



| Catalog No. | Outline Drawing | Use | Application | List Price |
|-------------|-----------------|-----|--|------------|
| GE-1 | B | PNP | MIXER/OSCILLATOR CONVERTER • RF and IF AMPLIFIER | 2.20 |
| GE-2 | B | PNP | AF AMPLIFIER | 2.00 |
| GE-3 | C | PNP | AF POWER AMPLIFIER | 3.75 |
| GE-4 | D | PNP | AF HIGH POWER AMPLIFIER | 8.20 |
| GE-5 | B | NPN | MIXER/OSCILLATOR CONVERTER • RF and AF AMPLIFIER | 2.90 |
| GE-6 | A | NPN | MIXER/OSCILLATOR CONVERTER • RF AMPLIFIER | 2.90 |
| GE-7 | A | NPN | IF AMPLIFIER | 2.65 |
| GE-8 | B | NPN | AF AMPLIFIER | 2.10 |
| GE-9 | *B | PNP | MIXER/OSCILLATOR CONVERTER • RF and IF AMPLIFIER | 2.00 |

*GE-9 Smaller size than GE-1 (GE-9 .209 diameter — GE-1 .335 diameter)



ENTERTAINMENT TRANSISTORS • REGISTERED JEDEC TYPES

These types supplement the Universal Line of G-E Transistors. Characteristics conform to JEDEC specifications.

| JEDEC No. | Type | Use | Dwg. No. | MAXIMUM RATINGS | | | | List Price |
|-----------|------|--------|----------|--------------------------|-------------------------------------|-----------------|-------------------|------------|
| | | | | P _{omw} @ 25 °C | BV _{CE} / BV _{CB} | I _{cm} | T _j °C | |
| GE-M100 | NPN | | 1 | | 14 | 3 | 85 | 2.15 |
| 2N107 | PNP | AF | 1 | 50 | -6 | -10 | 60 | .80 |
| 2N135 | PNP | IF | 1 | 100 | -12 | -50 | 85 | 3.30 |
| 2N136 | PNP | IF | 1 | 100 | -12 | -50 | 85 | 3.95 |
| 2N137 | PNP | IF | 1 | 100 | -6 | -50 | 85 | 9.55 |
| 2N169 | NPN | IF | 3 | 65 | 15 | 20 | 85 | 2.25 |
| 2N169A | NPN | AF | 3 | 65 | 15 | 20 | 85 | 3.90 |
| 2N170 | NPN | IF | 3 | 25 | 6 | 20 | 50 | 1.05 |
| 2N186A | PNP | AF OUT | 1 | 200 | -25 | 200 | 85 | 2.80 |
| 2N187A | PNP | AF OUT | 1 | 100 | -25 | 200 | 85 | 2.15 |
| 2N188A | PNP | AF OUT | 1 | 200 | -25 | -200 | 85 | 2.35 |
| 2N189 | PNP | AF | 1 | 75 | -25 | -50 | 85 | 1.00 |
| 2N190 | PNP | AF | 1 | 75 | -25 | -50 | 85 | 1.10 |
| 2N191 | PNP | AF | 1 | 75 | -25 | -50 | 85 | 1.20 |
| 2N192 | PNP | AF | 1 | 75 | -25 | -50 | 85 | 2.25 |
| 2N241A | PNP | AF OUT | 1 | 200 | -25 | 200 | 85 | 1.30 |
| 2N265 | PNP | AF | 1 | 75 | -25 | -50 | 85 | 2.65 |
| 2N292 | NPN | IF | 3 | 65 | 15 | -20 | 85 | 1.05 |
| 2N293 | NPN | IF | 3 | 65 | 15 | -20 | 85 | 1.20 |
| 2N319 | PNP | AF | 2 | 225 | -20 | -200 | 85 | .62 |
| 2N320 | PNP | AF | 2 | 225 | -20 | -200 | 85 | .83 |
| 2N321 | PNP | AF | 2 | 225 | -20 | -200 | 85 | .96 |
| 2N322 | PNP | AF | 2 | 140 | -16 | -100 | 60 | .68 |
| 2N323 | PNP | AF | 2 | 140 | -16 | -100 | 60 | .86 |
| 2N324 | PNP | AF | 2 | 140 | -16 | -100 | 60 | 1.07 |
| 2N404 | PNP | SW | 2 | 120 | -24 | -100 | 85 | 1.30 |
| 2N448 | NPN | IF | 3 | 65 | 15 | 20 | 85 | 1.20 |
| 2N449 | NPN | IF | 3 | 65 | 15 | 20 | 85 | 2.25 |
| 2N450 | PNP | SW | 1 | 150 | -12 | -125 | 85 | 3.00 |
| 2N508 | PNP | AF OUT | 2 | 140 | -16 | -100 | 85 | 1.18 |

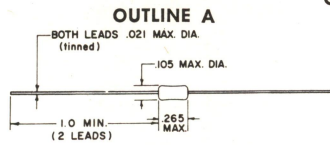
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CRYSTAL DIODES

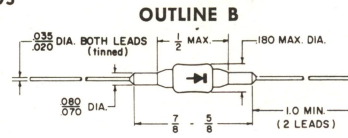
MAXIMUM RATINGS (25° C)

| Type | Description | Out-line | Temp. Range °C | Reverse Working Voltage (dc-volts) | Recurrent Peak Forward Current (ma) | Average Forward Current (ma) | Surge Current 1 sec-max. (ma) | Peak Reverse Voltage (Volts) | CHARACTERISTICS | | List Price | |
|--------|-------------------|----------|----------------|------------------------------------|-------------------------------------|------------------------------|-------------------------------|------------------------------|---------------------------------|--------------------------|-------------|------|
| | | | | | | | | | Forward Current (ma) at +1 volt | Reverse Current (µa max) | | |
| 1N34AS | General Purposes | A | - 50 to +90 | 60 | 150 | 50 | 500 | 75 | 5 | 25 | 500 at -50v | .60 |
| 1N60 | Video Detector | B | - 50 to +90 | 25 | 150 | 50 | 500 | 30 | — | — | — | .85 |
| 1N82A | Silicon UHF Mixer | B | - 50 to +120 | 3 | 25 | — | — | 5 | 5 | 15 (.5v) | 500 at -3v | 1.45 |
| 1N295 | 50 MC Detector | A | - 50 to +100 | 40 | 125 | 30 | 300 | 50 | — | — | 180 at -10v | .55 |



Marking: Wide color band adjacent to cathode end.

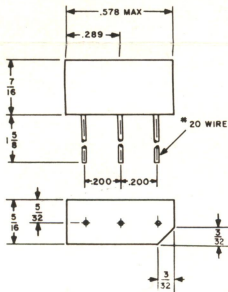
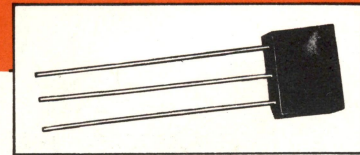
OUTLINE DRAWINGS



Marking: Bar of graphic symbol denotes cathode.

Vac-u-Sel[®] SELENIUM DUAL-DIODE RECTIFIERS

APPLICATION: The principal application for the Dual-Diode is as a discriminator or phase detector in television receivers. They also can be used in other types of low power circuits where maximum dependability is required at minimum cost.



| Catalog No. | Type | List Price | |
|-------------|------------------|------------|--|
| 6GC1 | COMMON CATHODE | .99 | |
| 6GD1 | SERIES CONNECTED | .99 | |
| 6GX1 | COMMON ANODE | .99 | |

Forward current (min.) 1.1 ma at 2.5VDC

Reverse current (max.) .4 ma at 20VDC



TRANSISTOR INTERCHANGEABILITY GUIDE

This Interchangeability Guide is based on available published electrical specifications and General Electric does not claim that the Universal Types are exact replacements for types listed. Where JEDEC and Universal replacements are shown, both are available.

| JEDEC Type | G-E Replacement | JEDEC Type | G-E Replacement | JEDEC Type | G-E Replacement | JEDEC Type | G-E Replacement | JEDEC Type | G-E Replacement | JEDEC Type | G-E Replacement |
|------------|-----------------|------------|--------------------|------------|-----------------|------------|-----------------|------------|-----------------|------------|-----------------|
| 2N34 | GE-2, 2N190 | 2N48 | 2N320, GE-2, 2N321 | 2N60B | GE-2 | 2N80 | GE-2 | 2N104 | GE-2 | 2N126 | GE-7 |
| 2N35 | GE-8, 2N169 | 2N49 | GE-2, 2N321 | 2N60C | GE-2 | 2N81 | GE-2, 2N1098 | 2N105 | GE-2, 2N321 | 2N127 | GE-7 |
| 2N36 | GE-2 | 2N54 | GE-2, 2N1098 | 2N61 | GE-2 | 2N82 | GE-2, 2N1098 | 2N106 | GE-2, 2N1097 | 2N128 | GE-9 |
| 2N37 | GE-2 | 2N55 | GE-2, 2N1097 | 2N61A | GE-2 | 2N83 | GE-1 | 2N107 | GE-2, 2N107 | 2N129 | GE-9 |
| 2N38 | GE-2 | 2N56 | GE-2, 2N320 | 2N61B | GE-2 | 2N94 | GE-6, 2N169 | 2N108 | GE-2, 2N322 | 2N130 | GE-2 |
| 2N38A | GE-2 | 2N57 | GE-2, 2N321 | 2N61C | GE-2 | 2N94A | GE-6 | 2N109 | GE-2, 2N320 | 2N130A | GE-2 |
| 2N39 | GE-2 | 2N58 | GE-2, 2N321 | 2N62 | GE-2 | 2N97 | GE-7, 2N169 | 2N111 | GE-1 | 2N131 | GE-2 |
| 2N40 | GE-2 | 2N59 | GE-2, 2N321 | 2N63 | GE-2 | 2N97A | GE-7, 2N169A | 2N112 | GE-1 | 2N131A | GE-2 |
| 2N41 | GE-2 | 2N59A | GE-2, 2N321 | 2N64 | GE-2, 2N322 | 2N98 | GE-7 | 2N112A | GE-1 | 2N132 | GE-2 |
| 2N42 | GE-2 | 2N59C | GE-2 | 2N65 | 2N322 | 2N98A | GE-7, 2N169A | 2N113 | GE-1 | 2N132A | GE-2, 2N321 |
| 2N43 | GE-2 | 2N60 | GE-2, 2N321 | 2N76 | GE-2, 2N323 | 2N99 | GE-7, 2N169A | 2N114 | GE-1 | 2N133 | GE-2 |
| 2N43A | GE-2 | 2N60A | GE-2, 2N321 | 2N77 | GE-2, 2N324 | 2N100 | GE-7 | 2N115 | GE-1 | 2N133A | GE-2 |
| 2N44 | GE-2 | | | 2N78 | GE-2, 2N169 | 2N103 | GE-7 | 2N116 | GE-1 | 2N134 | GE-1, 2N135 |
| 2N44A | GE-2 | | | 2N79 | GE-2, 2N321 | | | 2N117 | GE-1 | 2N135 | GE-1, 2N136 |
| 2N45 | GE-2 | | | | | | | 2N118 | GE-1 | 2N136 | GE-1, 2N136 |
| 2N46 | GE-2, 2N320 | | | | | | | 2N119 | GE-1 | 2N137 | GE-2 |
| 2N47 | GE-2, | | | | | | | 2N120 | GE-7 | 2N138 | GE-2, 2N509 |

Continued on next page

| JEDEC Type | G-E Replacement |
|------------|-----------------|
| 2SA113 | GE-9 |
| 2SA114 | GE-9 |
| 2SA130 | GE-1 |
| 2SA132 | GE-1 |
| 2SA136 | GE-9 |
| 2SA137 | GE-9 |
| 2SA144 | GE-9 |
| 2SA145 | GE-9 |
| 2SA151 | GE-1 |
| 2SA152 | GE-1 |
| 2SA153 | GE-1 |
| 2SA155 | GE-1 |
| 2SA175 | GE-9 |
| 2SA180 | GE-9 |
| 2SA181 | GE-9 |
| 2SA182 | GE-9 |
| 2SA183 | GE-9 |
| 2SA189 | GE-1 |
| 2SA201 | GE-9 |
| 2SA202 | GE-9 |
| 2SA203 | GE-9 |
| 2SA233 | GE-1 |
| 2SA234 | GE-1 |
| 2SA235 | GE-1 |
| 2SA236 | GE-9 |
| 2SA237 | GE-9 |
| 2SB25 | GE-3 |
| 2SB26 | GE-3 |
| 2SB32 | GE-2 |
| 2SB33 | GE-2 |
| 2SB34 | GE-2 |
| 2SB37 | GE-2 |
| 2SB38 | GE-2 |
| 2SB39 | GE-2 |
| 2SB46 | GE-2 |
| 2SB47 | GE-2 |
| 2SB48 | GE-2 |
| 2SB49 | GE-2 |
| 2SB50 | GE-2 |
| 2SB51 | GE-2 |
| 2SB53 | GE-2 |
| 2SB54 | GE-2 |
| 2SB56 | GE-2 |
| 2SB57 | GE-2 |
| 2SB59 | GE-2 |
| 2SB60 | GE-2 |
| 2SB60A | GE-2 |
| 2SB61 | GE-2 |
| 2SB64 | GE-2 |
| 2SB66 | GE-8 |
| 2SB75 | GE-2 |
| 2SB76 | GE-2 |
| 2SB77 | GE-2 |
| 2SB89 | GE-2 |
| 2SB99 | GE-2 |
| 2SB113 | GE-2 |
| 2SB117 | GE-2 |
| 2SB120 | GE-2 |
| 2SB153 | GE-2 |
| 2SB154 | GE-2 |
| 2SB155 | GE-2 |
| 2SB156 | GE-2 |
| 2SB158 | GE-9 |
| 2SB159 | GE-9 |
| 2SB160 | GE-9 |
| 2SB163 | GE-2 |
| 2SB168 | GE-2 |
| 2SB169 | GE-2 |
| 2SB175B | GE-2 |
| 2SB176 | GE-2 |
| 2SB189 | GE-2 |
| 2SB199 | GE-2 |
| 2SB200 | GE-2 |
| 2SB202 | GE-2 |
| 2SB218 | GE-2 |
| 2SB221 | GE-2 |
| 2SB224 | GE-2 |
| 2SB225 | GE-2 |
| 2SC73 | GE-9 |
| 2SC75 | GE-9 |
| 2SC76 | GE-9 |
| 2SC77 | GE-9 |
| 2SC78 | GE-9 |
| 2SC175 | GE-9 |
| 2SC176 | GE-9 |
| 2SC177 | GE-9 |
| 2SD61 | GE-8 |
| 2SD62 | GE-8 |
| 2SD63 | GE-8 |
| 2SD64 | GE-7 |
| 2T64 | GE-8 |
| 2T65 | GE-8 |
| 2T66 | GE-8 |
| 2T73 | GE-5 |
| 2T74 | GE-6 |
| 2T75 | GE-7 |
| 2T76 | GE-5 |
| 2T77 | GE-6 |
| 2T84 | GE-8 |
| 2T85 | GE-8 |
| 2T86 | GE-8 |
| 2T89 | GE-8 |
| 2T201 | GE-9 |
| 2T203 | GE-9 |
| 2T513 | GE-5 |
| 2T514 | GE-6 |
| 2T520 | GE-5 |
| 2T521 | GE-6 |
| 2T524 | GE-7 |
| 4JX1A520B | GE-2, 2N265 |
| 4JX1A520C | GE-2, 2N265 |
| 4JX1A520D | GE-2, 2N265 |

| JEDEC Type | G-E Replacement |
|------------|-----------------|
| 4JX1A520E | GE-2, 2N265 |
| 4JX1A813 | GE-7 |
| 4JX2A816 | GE-7, 2N449 |
| 4JX1E821 | GE-2, 2N191 |
| 4JX1C850 | GE-2, 2N241A |
| 4JX1E850 | GE-2, 2N321 |
| 4JX2A60 | GE-6 |
| 4JX2A801 | GE-6 |
| 20C71 | GE-2 |
| 20C72 | GE-2 |
| 297V004H03 | GE-2 |
| 297V011H01 | GE-1 |
| 297V012H08 | GE-1 |
| 297V012H09 | GE-1 |
| 45X2 | GE-1 |
| 45X1A520C | GE-2 |
| 48C125233 | GE-6 |
| 48C125235 | GE-7 |
| 48C125236 | GE-7 |
| 48C125237 | GE-2 |
| 48K125230 | GE-3 |
| 2090056-1 | GE-3 |
| 29V003H03 | GE-2 |
| 29V008M01 | GE-1 |
| 29V011H01 | GE-1 |
| 29V012H01 | GE-1 |
| 297V003M01 | GE-2 |
| 297V004M01 | GE-2 |
| 297V002M04 | GE-7 |
| 297V002M05 | GE-7 |
| AR5 | GE-3 |
| AR6 | GE-3 |
| AR7 | GE-3 |
| AR8 | GE-3 |
| AR9 | GE-3 |
| AR10 | GE-3 |
| AR11 | GE-3 |
| AR12 | GE-3 |
| AR13 | GE-3 |
| AR102 | GE-2 |
| B1017 | GE-3 |
| B1022 | GE-2 |
| CK721 | GE-2, 2N191 |
| CK722 | GE-2, 2N107 |
| CK725 | GE-2 |
| CK727 | GE-2 |
| CK751 | GE-2 |
| CK759 | GE-1, 2N135 |
| CK759A | GE-2 |
| CK760 | GE-1, 2N136 |
| CK760A | GE-2 |
| CK761 | GE-1, 2N137 |
| CK766 | GE-1 |
| CK776A | GE-1 |
| CK872 | GE-2 |
| CK875 | GE-2 |
| CK878 | GE-2 |
| CK879 | GE-2 |
| CK882 | GE-2, 2N192 |
| CK888 | GE-2, 2N192 |
| CT1122 | GE-3 |
| CT1124 | GE-3 |
| CT1124B | GE-3 |
| CTP1104 | GE-3 |
| CTP1108 | GE-3 |
| CTP1109 | GE-3 |
| CTP1117 | GE-3 |
| CTP1124 | GE-3 |
| CTP1137 | GE-3 |
| DS1 | GE-7 |
| DS2 | GE-7 |
| DS3 | GE-2 |
| DS4 | GE-7 |
| DS5 | GE-7 |
| DS6 | GE-7 |
| DS7 | GE-7 |
| DS9 | GE-7 |
| DS11 | GE-6 |
| DS12 | GE-6 |
| DS14 | GE-2 |
| DS16 | GE-2 |
| DS19 | GE-1 |
| DS21 | GE-1 |
| DS22 | GE-1 |
| DS23 | GE-1 |
| DS24 | GE-1 |
| DS25 | GE-1 |
| DS26 | GE-2, 2N188A |
| DS501 | GE-4 |
| DS502 | GE-4 |
| DS503 | GE-3 |
| DS504 | GE-4 |
| DS520 | GE-3 |
| ED52 | GE-1 |
| ED53 | GE-1 |
| ED54B | GE-1 |
| ED55 | GE-2 |
| ED56 | GE-2 |
| ED57 | GE-2 |
| ET1 | GE-1 |
| ET2 | GE-1 |
| ET3 | GE-2 |
| ET4 | GE-2 |

| JEDEC Type | G-E Replacement |
|------------|-----------------|
| ET5 | GE-2 |
| ET6 | GE-3 |
| ET7 | GE-4 |
| ET8 | GE-6 |
| ET9 | GE-7 |
| ET10 | GE-8 |
| ET11 | GE-8 |
| GF20 | GE-2 |
| GF21 | GE-2 |
| GF32 | GE-2 |
| GT11 | GE-1 |
| GT12 | GE-1 |
| GT13 | GE-1 |
| GT14 | GE-2 |
| GT20 | GE-2 |
| GT20R | GE-2, 2N188A |
| GT34 | GE-2 |
| GT74 | GE-2 |
| GT75 | GE-2 |
| GT81 | GE-2 |
| GT81R | GE-2, 2N188A |
| GT82 | GE-2 |
| GT109 | GE-2, 2N241A |
| GT109R | GE-2, 2N241A |
| GT123 | GE-2 |
| GT132 | GE-2 |
| GT751 | GE-2 |
| GT760 | GE-1 |
| GT760R | GE-1, 2N135 |
| GT761 | GE-1 |
| GT761R | GE-1, 2N137 |
| GT762 | GE-2 |
| GT762R | GE-1 |
| GT763 | GE-2 |
| GT766 | GE-1 |
| GT766A | GE-2 |
| GT792 | GE-6 |
| GT904 | GE-7 |
| GT948 | GE-6 |
| GT948R | GE-7 |
| GT949 | GE-8 |
| GT1223 | GE-2 |
| HJ15 | GE-2 |
| HJ17 | GE-2 |
| HJ17D | GE-2 |
| HJ22 | GE-1 |
| HJ22D | GE-1 |
| HJ23 | GE-1 |
| HJ23D | GE-1 |
| HJ32 | GE-9 |
| HJ50 | GE-9 |
| HJ51 | GE-9 |
| HJ54 | GE-1 |
| HJ55 | GE-9 |
| HJ56 | GE-9 |
| HJ57 | GE-9 |
| HJ60 | GE-1 |
| HJ62 | GE-1 |
| HJ70 | GE-1 |
| HJ71 | GE-1 |
| HJ72 | GE-1 |
| HJ73 | GE-1 |
| HJ74 | GE-1 |
| HJ226 | GE-1 |
| HJ228 | GE-1 |
| HJ230 | GE-1 |
| HJ315 | GE-2 |
| HJX2 | GE-1 |
| HS15 | GE-2 |
| HS17D | GE-2 |
| HS22D | GE-2 |
| HS23D | GE-2 |
| HV15 | GE-2 |
| HV16 | GE-2 |
| MC101 | GE-1 |
| M2N168A | GE-6 |
| MN25 | GE-3 |
| MN29 | GE-3 |
| MN53 | GE-2 |
| MN73 | GE-3 |
| OC34 | GE-2 |
| OC38 | GE-2 |
| OC44 | GE-1 |
| OC45 | GE-1 |
| OC46 | GE-9 |
| OC47 | GE-9 |
| OC65 | GE-2 |
| OC66 | GE-2 |
| OC70 | GE-2 |
| OC71 | GE-2 |
| OC72 | GE-2 |
| OC75 | GE-2, 2N191 |
| OC170 | GE-1 |
| OC171 | GE-1 |
| OC331 | GE-9 |
| OC340 | GE-2 |
| OC341 | GE-9 |
| OC342 | GE-9 |
| OC343 | GE-9 |
| OC350 | GE-2 |
| OC351 | GE-9 |
| OC360 | GE-2 |
| OC361 | GE-9 |
| OC362 | GE-9 |
| OC363 | GE-9 |
| OC390 | GE-9 |
| OC410 | GE-9 |
| OC602 | GE-2 |

| JEDEC Type | G-E Replacement |
|------------|-----------------|
| OC603 | GE-2 |
| OC604 | GE-2 |
| OC612 | GE-9 |
| OC613 | GE-9 |
| Q1 | GE-1 |
| Q2 | GE-7 |
| Q3 | GE-7 |
| Q4 | GE-1 |
| Q5 | GE-6 |
| Q6 | GE-2 |
| Q7 | GE-2 |
| Q8 | GE-2 |
| R16 | GE-2 |
| R33 | GE-7 |
| R34 | GE-7 |
| R56 | GE-2 |
| R62 | GE-7 |
| R63 | GE-7 |
| R64 | GE-2 |
| R65 | GE-2 |
| R66 | GE-2 |
| R67 | GE-2 |
| R83 | GE-2 |
| R119 | GE-1 |
| R120 | GE-2 |
| R135 | GE-7 |
| R136 | GE-7 |
| R137 | GE-7 |
| R152 | GE-2 |
| R163 | GE-1 |
| R164 | GE-2 |
| R186 | GE-1 |
| R202 | GE-6 |
| R203 | GE-6 |
| R227 | GE-1 |
| R242 | GE-2 |
| R244 | GE-1 |
| R255 | GE-2 |
| R291 | GE-2 |
| R488 | GE-1 |
| R608A | GE-2 |
| RS1192 | GE-2, 2N191 |
| RS1513 | GE-8 |
| RS1530 | GE-5 |
| RS1531 | GE-5, 2N293 |
| RS1532 | GE-5 |
| RS1533 | GE-6, 2N1086 |
| RS1534 | GE-5 |
| RS1537 | GE-7, 2N293 |
| RS1538 | GE-7, 2N169 |
| RS1539 | GE-1, 2N135 |
| RS1540 | GE-2, 2N323 |
| RS1541 | GE-2, 2N192 |
| RS1542 | GE-2, 2N321 |
| RS1543 | GE-2 |
| RS1544 | GE-2, 2N320 |
| RS1545 | GE-7, 2N292 |
| RS1546 | GE-2, 2N265 |
| RS1547 | GE-7, 2N169 |
| RS1548 | GE-2 |
| RS1549 | GE-8 |
| RS1550 | GE-1 |
| RS1553 | GE-7 |
| RS1554 | GE-1 |
| RS1555 | GE-2 |
| RS2350 | GE-2, 2N192 |
| RS2351 | GE-2 |
| RS2352 | GE-2 |
| RS2353 | GE-2 |
| RS2355 | GE-2 |
| RS2356 | GE-5, 2N293 |
| RS2359 | GE-7 |
| RS2360 | GE-7 |
| RS2364 | GE-6, 2N1086 |
| RS2365 | GE-7, 2N292 |
| RS2366 | GE-7 |
| RS2367 | GE-2, 2N1098 |
| RS2373 | GE-2, 2N1098 |
| RS2374 | GE-7, 2N1145 |
| RS2375 | GE-7 |
| RS2675 | GE-2 |
| RS2677 | GE-2 |
| RS2683 | GE-1 |
| RS2685 | GE-1 |
| RS2686 | GE-1 |
| RS2687 | GE-1 |
| RS2688 | GE-1 |
| RS2689 | GE-2 |
| RS2694 | GE-1 |
| RS2695 | GE-1 |
| RS2696 | GE-1 |
| RS2697 | GE-2 |
| RS3275 | GE-2 |
| RS3276 | GE-2 |
| RS3277 | GE-1 |
| RS3278 | GE-1 |
| RS3279 | GE-1 |

| JEDEC Type | G-E Replacement |
|------------|-----------------|
| RS3282 | GE-2 |
| RS3285 | GE-2 |
| RS3288 | GE-1 |
| RS3299 | GE-2 |
| RS3301 | GE-2 |
| SC12 | GE-2 |
| SO25 | GE-2 |
| ST28A | GE-1 |
| ST28B | GE-1 |
| ST28C | GE-1 |
| ST37C | GE-1 |
| ST37D | GE-1 |
| ST122 | GE-2 |
| ST123 | GE-2 |
| ST162 | GE-7 |
| ST172 | GE-5, GE-6 |
| ST301 | GE-2 |
| ST302 | GE-2 |
| ST303 | GE-2 |
| ST304 | GE-2 |
| ST332 | GE-2 |
| ST370 | GE-1 |
| SYL101 | GE-6 |
| SYL102 | GE-7 |
| SYL103 | GE-6 |
| SYL104 | GE-8 |
| SYL105 | GE-1 |
| SYL106 | GE-1 |
| SYL107 | GE-2 |
| SYL108 | GE-2 |
| SYL109 | GE-3 |
| SYL1279 | GE-8 |
| SYL1310 | GE-5, GE-6 |
| SYL1311 | GE-5, GE-6 |
| SYL1312 | GE-5, GE-6 |
| SYL1313 | GE-7 |
| SYL1329 | GE-8 |
| SYL1524 | GE-8 |
| SYL1536 | GE-6 |
| SYL1537 | GE-7 |
| SYL1538 | GE-8 |
| SYL1539 | GE-8 |
| SYL1547 | GE-8 |
| SYL1583 | GE-2 |
| SYL1608 | GE-1 |
| TO038 | GE-2 |
| TO039 | GE-2 |
| TO040 | GE-2 |
| TO041 | GE-2 |
| T1000 | GE-2 |
| T1001 | GE-2 |
| T1003 | GE-2 |
| T1005 | GE-2 |
| T1006 | GE-2 |
| T1007 | GE-2 |
| T1008 | GE-2 |
| T1010 | GE-2 |
| T1011 | GE-1 |
| T1012 | GE-1 |
| T1033 | GE-2 |
| T1232 | GE-1 |
| T1233 | GE-1 |
| T1298 | GE-1 |
| T1299 | GE-1 |
| T1300 | GE-2 |
| T1305 | GE-1 |
| T1306 | GE-1 |
| T1310 | GE-2 |
| T1352 | GE-2 |
| T1454 | GE-1 |
| T1459 | GE-1 |
| T1577 | GE-2 |
| T1583 | GE-2 |
| T11618 | GE-1 |
| TS176 | GE-3 |
| TS627 | GE-2 |
| TS629 | GE-2 |
| TS672A | GE-1 |
| TS672B | GE-1 |
| TS673A | GE-1 |
| TS673B | GE-1 |
| TS1007 | GE-2 |
| WTVFpwr40 | GE-3 |
| WTVFpwr25 | GE-3 |
| WTVFpwr12 | GE-3 |
| WTVFpwr6 | GE-3 |
| WTV99Pwr | GE-3 |
| WTV199Pwr | GE-3 |
| WTV229Pwr | GE-4 |
| WTVBE6 | GE-1 |
| WTVBA6 | GE-1 |
| WTVAT6 | GE-2 |
| WTVB5 | GE-1 |
| WTVBE6A | GE-2 |
| WTVBA6A | GE-2 |
| WTVAT6A | GE-1 |
| WTVB5A | GE-2 |
| WTVSA7 | GE-6 |
| WTVSK7 | GE-6 |
| WTVSQ7 | GE-6 |
| WTVL6 | GE-6 |
| WTV3MC | GE-1 |



CRYSTAL DIODE REPLACEMENT GUIDE

| JEDEC No. | G-E Replacement |
|-----------|---------------------|
| 1N34 | 1N34AS |
| 1N34A | 1N34AS |
| 1N34G | 1N34AS |
| 1N34GA | 1N34AS |
| 1N43 | 1N34AS |
| 1N46 | 1N34AS |
| 1N49 | 1N34AS, 1N295 |
| 1N51 | 1N34AS, 1N60 |
| 1N60 | 1N60, 1N34AS, 1N295 |
| 1N60A | 1N60, 1N34AS, 1N295 |
| 1N60G | 1N60, 1N34AS, 1N295 |
| 1N64 | 1N60, 1N295 |
| 1N64A | 1N60, 1N295 |
| 1N66 | 1N34AS |
| 1N69 | 1N34AS |
| 1N72 | 1N82A |
| 1N82 | 1N82A |
| 1N82A | 1N82A |
| 1N87 | 1N60, 1N295 |
| 1N87G | 1N60, 1N295 |
| 1N90 | 1N34AS |
| 1N90G | 1N34AS |
| 1N105 | 1N60, 1N295 |
| 1N109 | 1N34AS |
| 1N110 | 1N82A |
| 1N124 | 1N82A |
| 1N124A | 1N82A |
| 1N125 | 1N60, 1N295 |
| 1N126 | 1N34AS |

| JEDEC No. | G-E Replacement |
|-----------|-----------------|
| 1N126A | 1N34AS |
| 1N132 | 1N60, 1N295 |
| 1N133 | 1N82A |
| 1N134 | 1N295 |
| 1N147 | 1N82A |
| 1N148 | 1N34AS |
| 1N172 | 1N82A |
| 1N267 | 1N34AS |
| 1N268 | 1N34AS |
| 1N285 | 1N281 |
| 1N294 | 1N34AS |
| 1N295 | 1N295 |
| 1N296 | 1N295, 1N60 |
| 1N299 | 1N82A |
| 1N542 | 1N60 (2) |
| 4JBC12 | 1N82A |
| 400A | 1N34AS |
| 400D | 1N34AS |
| C60 | 1N60 |
| CG12-E | 1N60 |
| CK705 | 1N34AS |
| CK706 | 1N60 |
| CK706A | 1N295 |
| CK706-P | 1N60, 1N295 |
| CK710 | 1N82A |
| CK715 | 1N34AS |
| CK731 | 1N82A |
| CV442 | 1N60, 1N295 |

| JEDEC No. | G-E Replacement |
|-----------|-----------------|
| G1HA | 1N34AS |
| G5C | 1N34AS |
| G5F | 1N60, 1N295 |
| 65K | 1N34AS |
| G7 | 1N82A |
| G7A | 1N82A |
| G7D | 1N34AS |
| G7E | 1N34AS |
| G7F | 1N60 |
| G7G | 1N60 |
| HS133 | 1N82A |
| K3 | 1N82A |
| M34A | 1N34AS |
| M51 | 1N34AS |
| M60 | 1N60 |
| M95 | 1N34AS |
| MN34A | 1N34AS |
| MN51 | 1N34AS |
| MN60 | 1N60 |
| NU34 | 1N34AS |
| OA71 | 1N34AS |
| OA71C | 1N34AS |
| OA73 | 1N60 |
| OA73C | 1N60 |
| SD404 | 1N82A |
| TP34A | 1N34AS |
| X16 | 1N34AS |
| X18 | 1N60 |



DUAL-DIODE REPLACEMENT GUIDE

| Original Equip. Mfrs. Part No. | Replacement Part No. |
|--------------------------------|----------------------|
| Admiral 93B5-6 | 6GC1 |
| 93A5-2 | 6GD1 |
| 93B5-3, 4, 5 | 6GD1 |
| Curtis Mathes CM | 6GC1 |
| Emerson 817062 | 6GD1 |
| 817074 | 6GC1 |
| G.E. K115J510-1, 2 (WT16X7) | 6GC1 |
| K117J460-1 | 6GC1 |
| K117J460-2 | 6GC1 |
| K118J966-1 (WT16X9) | 6GD1 |
| K118J966-2 | 6GX1 |
| K118J966-3 (WT16X8) | 6GX1 |
| K118J966-4 | 6GX1 |
| Hallcrafters 27C226 | 6GC1 |
| 028-300-226 | 6GC1 |
| Hoffman 10031 | 6GC1 |
| 744002 | 6GC1 |

| Original Equip. Mfrs. Part No. | Replacement Part No. |
|--------------------------------|----------------------|
| Magnavox 530045-2 | 6GD1 |
| 530045-3 | 6GD1 |
| Marconi 817074 | 6GC1 |
| Motorola 48K741255 | 6GC1 |
| 48K741752 | 6GD1 |
| 48K751724 | 6GX1 |
| 48C751656 | 6GC1 |
| 48K742698 | 6GD1 |
| Muntz SR 0004 | 6GC1 |
| Olympic RF5465 | 6GC1 |
| RF5794 | 6GD1 |
| Packard Bell 72053 | 6GC1 |
| Philco 34-8037 | 6GC1 |
| 34-8037-1 | 6GC1 |
| 34-8037-2 | 6GC1 |
| 34-8037-3 | 6GC1 |
| R. C. A. 1107832-6 | 6GX1 |
| 1107832-7 | 6GC1 |

| Original Equip. Mfrs. Part No. | Replacement Part No. |
|--------------------------------|----------------------|
| 1107832-9 | 6GC1 |
| 1107832-10 | 6GC1 |
| 1107832-11 | 6GC1 |
| Silvertone B-46-110 | 6GC1 |
| A-86-3-1 | 6GD1 |
| Sparton 19AR4-1 | 6GD1 |
| (Canada) | |
| Sonoro SR-15 | 6GC1 |
| Sylvania 13-85943-1 | 6GC1 |
| 13-85943-2 | 6GC1 |
| Tech-Master Y100 | 6GD1 |
| Warwick A86-9-1 | 6GC1 |
| A86-4-1 | 6GD1 |
| Wells Gardner 66X218 | 6GC1 |
| Westinghouse 296V004H01 | 6GC1 |
| Zenith 103-20 | 6GC1 |
| 103-32 | 6GC1 |
| 633977 | 6GD1 |

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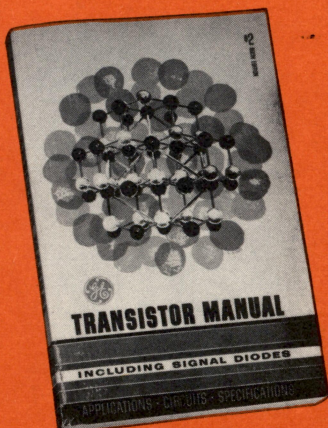
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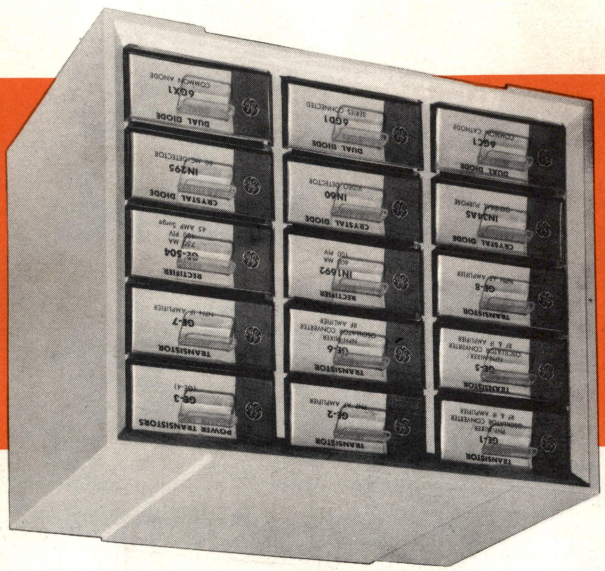
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