

DIODE TRANSISTOR CO., INC.

(201) 686-0400 • Telex: 139-385 • Outside NY & NJ area call TOLL FREE 800-526-4581
FAX No. 201-575-5863

GERMANIUM PNP HIGH POWER TRANSISTORS

| DEVICES | PKG | DEVICES | PKG | DEVICES | PKG | DEVICES | PKG |
|----------|------|---------|------|---------|------|---------|-------|
| 2N58A | R173 | 2N1073 | T15 | 2N2158 | T85 | 2N5325 | T03 |
| 2N143/13 | T013 | 2N1073A | T15 | 2N2158A | T85 | 2N5435 | T03 |
| 2N174A | T036 | 2N1099 | T036 | 2N2159 | T85 | 2N5436 | T03 |
| 2N277 | T036 | 2N1100 | T036 | 2N2553 | T27 | 2N5437 | T03 |
| 2N278 | T036 | 2N1159 | T03 | 2N2555 | T27 | 2N5438 | T03 |
| 2N297A | T03 | 2N1261 | T36 | 2N2558 | T28 | 2N5439 | T03 |
| 2N350 | T03 | 2N1502 | T036 | 2N2560 | T28 | 2N5440 | T03 |
| 2N351 | T03 | 2N1521 | T036 | 2N2564 | R122 | 2N5887 | T066 |
| 2N375 | T03 | 2N1541A | T03 | 2N2612 | T03 | 2N5888 | T066 |
| 2N376 | T03 | 2N1751 | F35 | 2N2833 | T03 | 2N5889 | T066 |
| 2N379 | T03 | 2N1760 | T03 | 2N2834 | T03 | 2N5890 | T066 |
| 2N380 | T03 | 2N2076A | T036 | 2N2912 | R74 | 2N5891 | T066 |
| 2N441 | T036 | 2N2142A | T03 | 2N4048 | T036 | 2N5892 | T066 |
| 2N442 | T036 | 2N2143A | T03 | 2N4049 | T036 | 2N5893 | T066 |
| 2N443 | T036 | 2N2144A | T03 | 2N4049 | T036 | 2N5894 | T066 |
| 2N456A | T03 | 2N2145A | T03 | 2N4050 | T036 | 2N5895 | T066 |
| 2N459A | F4e | 2N2146A | T03 | 2N4051 | T036 | 2N5896 | T066 |
| 2N574A | T7 | 2N2152 | T85 | 2N4052 | T036 | 2N5897 | T066 |
| 2N627 | T03 | 2N2152A | T85 | 2N4053 | T036 | 2N5898 | T066 |
| 2N628 | T03 | 2N2153 | T85 | 2N4276 | T03 | 2N5899 | T066 |
| 2N629 | T03 | 2N2154 | T85 | 2N4277 | T03 | 2N5900 | T066 |
| 2N630 | T03 | 2N2155 | T85 | 2N4278 | T03 | 2N5901 | T066 |
| 2N665 | T03 | 2N2155A | T85 | 2N4229 | T03 | DTG2400 | Y204a |
| 2N669 | T03 | 2N2156 | T85 | 2N4280 | T03 | | |
| 2N1011 | T03 | 2N2156A | T85 | 2N4281 | T03 | | |
| 2N1038 | R122 | 2N2157 | T85 | 2N4283 | T03 | | |
| 2N1042 | T6 | 2N2157A | T85 | 2N5324 | T03 | | |

| Type Number | Case Type | $V_{CE0(max)}$ V | V_{EBO} V | I_{hfe} @ I_C/V_{CE} (Min-Max @A/V) | $V_{CE(max)}$ @ I_C/I_B (V@A/A) | V_{CE} @ I_C/V_{CE} (V@A/V) | I_{CC} @ V_{CE} (mA@V) | $P_D @$ $T_C = 25^\circ C$ (watts) | θ_{JC} ($^\circ C/W$) | $T_{J(max)}$ ($^\circ C$) | f_T (KHz) |
|-------------|-----------|---------------------|----------------|--------------------------------------------------|-----------------------------------------|---------------------------------------|----------------------------------|------------------------------------------|-----------------------------------|--------------------------------|----------------|
|-------------|-----------|---------------------|----------------|--------------------------------------------------|-----------------------------------------|---------------------------------------|----------------------------------|------------------------------------------|-----------------------------------|--------------------------------|----------------|

3 AMP GERMANIUM PNP

| | | | | | | | | | | | |
|--------|-------|----|----|--------------|-------------|----------|---------|----|------|-----|-----|
| 2N1038 | TO-5 | 30 | 20 | 20-60@1/.5 | .25@1/.1 | 1@1/.5 | .65@40 | 20 | 3.75 | 100 | 225 |
| 2N1039 | TO-5 | 40 | 20 | 20-60@1/.5 | .25@1/.1 | 1@1/.5 | .65@60 | 20 | 3.75 | 100 | 225 |
| 2N1040 | TO-5 | 50 | 20 | 20-60@1/.5 | .25@1/.1 | 1@1/.5 | .65@80 | 20 | 3.75 | 100 | 225 |
| 2N1041 | TO-5 | 60 | 20 | 20-60@1/.5 | .25@1/.1 | 1@1/.5 | .65@100 | 20 | 3.75 | 100 | 225 |
| 2N2564 | TO-5 | 30 | 20 | 20-60@3/1 | .75@3/3 | 1.5@3/1 | .65@40 | 20 | 3.75 | 100 | 250 |
| 2N2565 | TO-5 | 40 | 20 | 20-60@3/1 | .75@3/3 | 1.5@3/1 | .65@60 | 20 | 3.75 | 100 | 250 |
| 2N2566 | TO-5 | 50 | 20 | 20-60@3/1 | .75@3/3 | 1.5@3/1 | .65@80 | 20 | 3.75 | 100 | 250 |
| 2N2567 | TO-5 | 60 | 20 | 20-60@3/1 | .75@3/3 | 1.5@3/1 | .65@100 | 20 | 3.75 | 100 | 250 |
| 2N2659 | TO-5 | 30 | 20 | 30-90@.5/.5 | .2@.5/.05 | .6@.5/.5 | .6@50 | 15 | 5.0 | 100 | 280 |
| 2N2660 | TO-5 | 40 | 20 | 30-90@.5/.5 | .2@.5/.05 | .6@.5/.5 | .6@70 | 15 | 5.0 | 100 | 280 |
| 2N2661 | TO-5 | 50 | 20 | 30-90@.5/.5 | .2@.5/.05 | .6@.5/.5 | .6@90 | 15 | 5.0 | 100 | 280 |
| 2N2665 | TO-5 | 30 | 20 | 50-150@.5/.5 | .25@.5/.025 | .6@.5/.5 | .6@50 | 15 | 5.0 | 100 | 300 |
| 2N2666 | TO-5 | 40 | 20 | 50-150@.5/.5 | .25@.5/.025 | .6@.5/.5 | .6@70 | 15 | 5.0 | 100 | 300 |
| 2N2667 | TO-5 | 50 | 20 | 50-150@.5/.5 | .25@.5/.025 | .6@.5/.5 | .6@90 | 15 | 5.0 | 100 | 300 |
| 2N2552 | MT-27 | 30 | 20 | 20-60@1/.5 | .25@1/.1 | 1@1/.5 | .65@40 | 20 | 3.75 | 100 | 225 |
| 2N2553 | MT-27 | 40 | 20 | 20-60@1/.5 | .25@1/.1 | 1@1/.5 | .65@60 | 20 | 3.75 | 100 | 225 |
| 2N2554 | MT-27 | 50 | 20 | 20-60@1/.5 | .25@1/.1 | 1@1/.5 | .65@80 | 20 | 3.75 | 100 | 225 |
| 2N2555 | MT-27 | 60 | 20 | 20-60@1/.5 | .25@1/.1 | 1@1/.5 | .65@100 | 20 | 3.75 | 100 | 225 |
| 2N2560 | MT-27 | 30 | 20 | 20-60@3/1 | .75@3/3 | 1.5@3/1 | .65@40 | 20 | 3.75 | 100 | 250 |
| 2N2561 | MT-27 | 40 | 20 | 20-60@3/1 | .75@3/3 | 1.5@3/1 | .65@60 | 20 | 3.75 | 100 | 250 |
| 2N2562 | MT-27 | 50 | 20 | 20-60@3/1 | .75@3/3 | 1.5@3/1 | .65@80 | 20 | 3.75 | 100 | 250 |
| 2N2563 | MT-27 | 60 | 20 | 20-60@3/1 | .75@3/3 | 1.5@3/1 | .65@100 | 20 | 3.75 | 100 | 250 |
| 2N2662 | MT-27 | 30 | 20 | 30-90@.5/.5 | .2@.5/.05 | .6@.5/.5 | .6@50 | 15 | 5.0 | 100 | 280 |
| 2N2663 | MT-27 | 40 | 20 | 30-90@.5/.5 | .2@.5/.05 | .6@.5/.5 | .6@70 | 15 | 5.0 | 100 | 280 |
| 2N2664 | MT-27 | 50 | 20 | 30-90@.5/.5 | .2@.5/.05 | .6@.5/.5 | .6@90 | 15 | 5.0 | 100 | 280 |

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