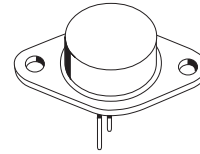


Power Transistors

TO-3 Case (Continued)



| TYPE NO. | | I _C | P _D | BV _{CBO} | BV _{CEO} | h _{FE} | | @ I _C | V _{CE(SAT)} | @ I _C | f _T |
|----------|--------|----------------|----------------|-------------------|-------------------|-----------------|--------|------------------|----------------------|------------------|----------------------|
| NPN | PNP | (A) MAX | (W) | (V) MIN | (V) MIN | *TYP MIN | MAX | (A) | (V) MAX | (A) | *TYP (MHz) MIN |
| 2N6249 | 2N6248 | 10 | 125 | 110 | 100 | 20 | 100 | 5.0 | 3.5 | 10 | 4.0 |
| 2N6250 | | 10 | 175 | 300 | 200 | 10 | 50 | 10 | 1.5 | 10 | 2.5 |
| 2N6251 | | 10 | 175 | 375 | 275 | 8.0 | 50 | 10 | 1.5 | 10 | 2.5 |
| 2N6253 | | 15 | 115 | 450 | 350 | 6.0 | 50 | 10 | 1.5 | 10 | 2.5 |
| 2N6254 | | 15 | 150 | 55 | 45 | 20 | 70 | 3.0 | 4.0 | 15 | 4.0 |
| 2N6254 | | 15 | 150 | 100 | 80 | 20 | 70 | 5.0 | 4.0 | 15 | -- |
| 2N6282 | 2N6285 | 20 | 160 | 60 | 60 | 750 | 18,000 | 10 | 3.0 | 20 | 4.0 |
| 2N6283 | 2N6286 | 20 | 160 | 80 | 80 | 750 | 18,000 | 10 | 3.0 | 20 | 4.0 |
| 2N6284 | 2N6287 | 20 | 160 | 100 | 100 | 750 | 18,000 | 10 | 3.0 | 20 | 4.0 |
| 2N6306 | | 8.0 | 125 | 500 | 250 | 15 | 75 | 8.0 | 5.0 | 8.0 | 5.0 |
| 2N6307 | | 8.0 | 125 | 600 | 300 | 15 | 75 | 8.0 | 5.0 | 8.0 | 5.0 |
| 2N6308 | | 8.0 | 125 | 700 | 350 | 12 | 60 | 8.0 | 5.0 | 8.0 | 5.0 |
| 2N6371 | | 15 | 117 | 50 | 40 | 15 | 60 | 8.0 | 4.0 | 16 | 4.0 |
| 2N6383 | 2N6648 | 10 | 100 | 40 | 40 | 1,000 | 20,000 | 5.0 | 3.0 | 10 | 6.0 |
| 2N6384 | 2N6649 | 10 | 100 | 60 | 60 | 1,000 | 20,000 | 5.0 | 3.0 | 10 | 6.0 |
| 2N6385 | 2N6650 | 10 | 100 | 80 | 80 | 1,000 | 20,000 | 5.0 | 3.0 | 10 | 6.0 |
| | 2N6469 | 15 | 125 | 50 | 40 | 20 | 150 | 5.0 | 3.5 | 15 | 4.0 |
| 2N6470 | | 15 | 125 | 50 | 40 | 20 | 150 | 5.0 | 3.5 | 15 | 4.0 |
| 2N6471 | | 15 | 125 | 70 | 60 | 20 | 150 | 5.0 | 3.5 | 15 | 4.0 |
| 2N6472 | | 15 | 125 | 90 | 80 | 20 | 150 | 5.0 | 3.5 | 15 | 4.0 |
| 2N6542 | | 5.0 | 100 | 650 | 300 | 7.0 | 35 | 3.0 | 1.0 | 3.0 | 6.0 |
| 2N6543 | | 5.0 | 100 | 850 | 400 | 7.0 | 35 | 3.0 | 1.0 | 3.0 | 6.0 |
| 2N6544 | | 8.0 | 125 | 650 | 300 | 7.0 | 35 | 5.0 | 1.5 | 8.0 | 6.0 |
| 2N6545 | | 8.0 | 125 | 850 | 400 | 7.0 | 35 | 5.0 | 1.5 | 5.0 | 6.0 |
| 2N6546 | | 15 | 175 | 650 | 300 | 12 | 60 | 5.0 | 1.5 | 10 | 6.0 |
| 2N6547 | | 15 | 175 | 850 | 400 | 12 | 60 | 5.0 | 1.5 | 10 | 6.0 |
| 2N6569 | 2N6594 | 12 | 100 | 45 | 40 | 15 | 200 | 4.0 | 1.5 | 4.0 | 2.5 |
| 2N6576 | | 15 | 120 | 60 | 60 | 2,000 | 20,000 | 4.0 | 4.0 | 15 | 6.0 |
| 2N6577 | | 15 | 120 | 90 | 90 | 2,000 | 20,000 | 4.0 | 4.0 | 15 | 6.0 |
| 2N6578 | | 15 | 120 | 120 | 120 | 2,000 | 20,000 | 4.0 | 4.0 | 15 | 6.0 |
| 2N6671 | | 8.0 | 150 | 350 | 300 | 10 | 40 | -- | 2.0 | 8.0 | 15 |
| 2N6672 | | 8.0 | 150 | 400 | 350 | 10 | 40 | -- | 2.0 | 8.0 | 15 |
| 2N6673 | | 8.0 | 150 | 450 | 400 | 10 | 40 | -- | 2.0 | 8.0 | 15 |

Shaded areas indicate Darlington.



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