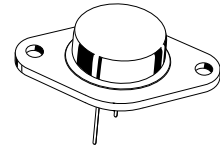


Power Transistors

TO-66 Case



| TYPE NO. | | I _C (A) MAX | P _D (W) | BV _{CBO} (V) MIN | BV _{CEO} (V) MIN | h _{FE} | | @ I _C (A) | V _{CE(SAT)} (V) MAX | @ I _C (A) | f _T (MHz) MIN |
|----------|---------|------------------------------|-----------------------|---------------------------------|---------------------------------|-----------------|--------|-------------------------|------------------------------------|-------------------------|--------------------------------|
| NPN | PNP | | | | | MIN | MAX | | | | |
| 2N3054 | | 4.0 | 25 | 90 | 55 | 25 | 150 | 0.5 | 1.0 | 0.5 | 0.8 |
| 2N3054A | 2N6049 | 4.0 | 75 | 90 | 55 | 25 | 150 | 0.5 | 0.5 | 0.5 | 0.8 |
| 2N3583 | 2N6420 | 2.0 | 35 | 250 | 175 | 40 | -- | 0.1 | 5.0 | 1.0 | 10 |
| 2N3584 | 2N6421 | 2.0 | 35 | 375 | 250 | 40 | -- | 0.1 | 0.75 | 1.0 | 10 |
| 2N3585 | 2N6422 | 2.0 | 35 | 500 | 300 | 40 | -- | 0.1 | 0.75 | 1.0 | 10 |
| 2N3738 | | 1.0 | 20 | 250 | 225 | 40 | 200 | 0.1 | 2.5 | 0.25 | 10 |
| 2N3739 | | 1.0 | 20 | 325 | 300 | 40 | 200 | 0.1 | 2.5 | 0.25 | 10 |
| | 2N3740 | 4.0 | 25 | 60 | 60 | 30 | 150 | 0.25 | 0.6 | 1.0 | 3.0 |
| | 2N3740A | 4.0 | 25 | 60 | 60 | 30 | 150 | 0.25 | 0.6 | 1.0 | 3.0 |
| | 2N3741 | 4.0 | 25 | 80 | 80 | 30 | 150 | 0.25 | 0.6 | 1.0 | 3.0 |
| | 2N3741A | 4.0 | 25 | 80 | 80 | 30 | 150 | 0.25 | 0.6 | 1.0 | 3.0 |
| 2N3766 | | 4.0 | 20 | 80 | 60 | 40 | 160 | 0.5 | 1.0 | 0.5 | 10 |
| 2N3767 | | 4.0 | 20 | 100 | 80 | 40 | 160 | 0.5 | 1.0 | 0.5 | 10 |
| 2N4231 | | 3.0 | 35 | 50 | 40 | 25 | 100 | 1.5 | 2.0 | 3.0 | 4.0 |
| 2N4231A | 2N6312 | 5.0 | 75 | 40 | 40 | 25 | 100 | 1.5 | 4.0 | 5.0 | 4.0 |
| 2N4232 | | 3.0 | 35 | 70 | 60 | 25 | 100 | 1.5 | 2.0 | 3.0 | 4.0 |
| 2N4232A | 2N6313 | 5.0 | 75 | 60 | 60 | 25 | 100 | 1.5 | 4.0 | 5.0 | 4.0 |
| 2N4233 | | 3.0 | 35 | 90 | 80 | 25 | 100 | 1.5 | 2.0 | 3.0 | 4.0 |
| 2N4233A | 2N6314 | 5.0 | 75 | 80 | 80 | 25 | 100 | 1.5 | 4.0 | 5.0 | 4.0 |
| 2N4240 | 2N6423 | 2.0 | 35 | 500 | 300 | 40 | -- | 0.1 | 1.0 | 0.75 | 15 |
| 2N4296 | | 1.0 | 20 | 350 | 250 | 50 | 150 | 0.05 | 0.9 | 0.05 | 20 |
| 2N4298 | | 1.0 | 20 | 500 | 350 | 25 | 75 | 0.05 | 0.9 | 0.05 | 20 |
| 2N4299 | | 1.0 | 20 | 500 | 350 | 50 | 150 | 0.05 | 0.75 | 0.05 | 20 |
| 2N4910 | 2N4898 | 1.0 | 25 | 40 | 40 | 20 | 150 | 0.5 | 0.6 | 1.0 | 3.0 |
| 2N4911 | 2N4899 | 1.0 | 25 | 60 | 60 | 20 | 150 | 0.5 | 0.6 | 1.0 | 3.0 |
| 2N4912 | 2N4900 | 1.0 | 25 | 80 | 80 | 20 | 150 | 0.5 | 0.6 | 1.0 | 3.0 |
| 2N5427 | | 7.0 | 40 | 80 | 80 | 30 | 120 | 2.0 | 0.7 | 2.0 | 30 |
| 2N5428 | | 7.0 | 40 | 80 | 80 | 60 | 240 | 2.0 | 0.7 | 2.0 | 30 |
| 2N5429 | | 7.0 | 40 | 100 | 100 | 30 | 120 | 2.0 | 0.7 | 2.0 | 30 |
| 2N5430 | | 7.0 | 40 | 100 | 100 | 60 | 240 | 2.0 | 0.7 | 2.0 | 30 |
| | 2N6211 | 1.0 | 35 | 275 | 225 | 10 | 100 | 1.0 | 1.4 | 0.125 | 20 |
| | 2N6212 | 1.0 | 35 | 350 | 300 | 10 | 100 | 1.0 | 1.6 | 0.125 | 20 |
| | 2N6213 | 1.0 | 35 | 400 | 350 | 10 | 100 | 1.0 | 2.0 | 0.125 | 20 |
| 2N6260 | | 4.0 | 29 | 50 | 40 | 20 | 100 | 1.5 | 1.5 | 1.5 | 0.8 |
| 2N6261 | | 4.0 | 50 | 90 | 80 | 25 | 100 | 1.5 | 0.5 | 1.5 | 0.8 |
| 2N6263 | | 3.0 | 20 | 140 | 120 | 20 | 150 | 0.5 | 1.2 | 0.5 | 0.8 |
| 2N6294 | 2N6296 | 4.0 | 50 | 60 | 60 | 750 | 18,000 | 2.0 | 2.0 | 2.0 | 4.0 |
| 2N6295 | 2N6297 | 4.0 | 50 | 80 | 80 | 750 | 18,000 | 2.0 | 2.0 | 2.0 | 4.0 |
| 2N6300 | 2N6298 | 8.0 | 75 | 60 | 60 | 750 | 18,000 | 4.0 | 2.0 | 4.0 | 4.0 |
| 2N6301 | 2N6299 | 8.0 | 75 | 80 | 80 | 750 | 18,000 | 4.0 | 2.0 | 4.0 | 4.0 |
| 2N6315 | 2N6317 | 7.0 | 90 | 60 | 60 | 20 | 100 | 2.5 | 1.0 | 4.0 | 4.0 |
| 2N6316 | 2N6318 | 7.0 | 90 | 80 | 80 | 20 | 100 | 2.5 | 1.0 | 4.0 | 4.0 |
| 2N6372 | 2N5954 | 6.0 | 40 | 90 | 80 | 20 | 100 | 2.0 | 1.0 | 2.0 | 4.0 |
| 2N6373 | 2N5955 | 6.0 | 40 | 70 | 60 | 20 | 100 | 2.5 | 1.0 | 2.5 | 4.0 |
| 2N6374 | 2N5956 | 6.0 | 40 | 50 | 40 | 20 | 100 | 3.0 | 1.0 | 3.0 | 4.0 |
| | 2N6424 | 1.0 | 20 | 250 | 225 | 40 | 200 | 0.1 | 2.5 | 0.25 | 10 |
| | 2N6425 | 1.0 | 20 | 325 | 300 | 40 | 200 | 0.1 | 2.5 | 0.25 | 10 |
| 2N6465 | 2N6467 | 4.0 | 40 | 110 | 100 | 15 | 150 | 1.5 | 1.2 | 1.5 | 5.0 |
| 2N6466 | 2N6468 | 4.0 | 40 | 130 | 120 | 15 | 150 | 1.5 | 1.2 | 1.5 | 5.0 |
| 40312 | | 4.0 | 29 | 60 | 60 | 20 | 120 | 1.0 | 1.0 | 0.5 | 0.75 |
| CM3441 | | 3.0 | 25 | 160 | 120 | 25 | 150 | 0.5 | 1.0 | 0.5 | 0.2 |