

COLLECTOR CURRENT = 25 AMPS NPN TYPES

| Device No | Case | VCBO Volts | VCEO (sus) Volts | VEBO Volts | hFE | | VCE | IC | VCE (sat) | VBE (sat) | @ IC | @ IB | θ_{JC} °C/W | Ft MHz |
|-----------|-------|---------------|---------------------|---------------|-----|-----|-----|----|-----------|-----------|------|------|-----------------------|-----------|
| | | | | | Min | Max | | | | | | | | |
| 2N3265 | TO-63 | 150 | 90 | 7 | 20 | 55 | 2 | 15 | .75 | 1.6 | 15 | 1.2 | 1 | 60 |
| 2N3266 | TO-63 | 85 | 60 | 7 | 20 | 80 | 3 | 15 | 1.2 | 1.8 | 15 | 1.2 | 1 | 60 |
| 2N6338 | TO-3 | 120 | 100 | 6 | 30 | 120 | 2 | 10 | 1.8 | 2.5 | 25 | 2.5 | .875 | 30 |
| 2N6339 | TO-3 | 140 | 120 | 6 | 30 | 120 | 2 | 10 | 1.8 | 2.5 | 25 | 2.5 | .875 | 30 |
| 2N6340 | TO-3 | 160 | 140 | 6 | 30 | 120 | 2 | 10 | 1.8 | 2.5 | 25 | 2.5 | .875 | 30 |
| 2N6341 | TO-3 | 180 | 150 | 6 | 30 | 120 | 2 | 10 | 1.8 | 2.5 | 25 | 2.5 | .875 | 30 |

COLLECTOR CURRENT = 30 AMPS NPN TYPES

| Device No | Case | VCBO Volts | VCEO (sus) Volts | VEBO Volts | hFE | | VCE | IC | VCE (sat) | VBE (sat) | @ IC | @ IB | θ_{JC} °C/W | Ft MHz |
|---------------|-------------|---------------|---------------------|---------------|-----|-----|-----|----|-----------|-----------|------|------|-----------------------|-----------|
| | | | | | Min | Max | | | | | | | | |
| 2N2823 | TO-63 | 80 | 80 | 10 | 10 | 40 | 2 | 20 | 1.1 | 2.1 | 20 | 3 | 1 | .6 |
| 2N2824 | TO-63 | 100 | 100 | 10 | 10 | 40 | 2 | 20 | 1.1 | 2.1 | 20 | 3 | 1 | .6 |
| 2N2825 | TO-63 | 150 | 150 | 10 | 10 | 40 | 2 | 20 | 1.1 | 2.1 | 20 | 3 | 1 | .6 |
| 2N3771 | TO-3 | 50 | 40 | 5 | 15 | 60 | 4 | 15 | 2 | 2.7 | 15 | 1.5 | 1.2 | .8 |
| JAN 2N3771 | TO-3 | 50 | 40 | 5 | 15 | 60 | 4 | 15 | 1.5 | 2.3 | 15 | 1.5 | 1.2 | .8 |
| JTX 2N3771 | TO-3 | 50 | 40 | 5 | 15 | 60 | 4 | 15 | 1.5 | 2.3 | 15 | 1.5 | 1.2 | .8 |
| 2N3846 | TO-63 | 300 | 200 | 10 | 10 | 60 | 3 | 10 | .75 | 1.2 | 10 | 1.6 | .5 | 10 |
| 2N3847 | TO-63 | 400 | 300 | 10 | 10 | 60 | 3 | 10 | .75 | 1.2 | 10 | 1.6 | .5 | 10 |
| 2N4002 | TO-63 | 100 | 80 | 8 | 20 | 80 | 4 | 15 | 1.2 | 1.8 | 30 | 4 | 1 | 30 |
| 2N4003 | TO-63 | 120 | 100 | 8 | 20 | 80 | 4 | 15 | 1.2 | 1.8 | 30 | 4 | 1 | 30 |
| 2N5301 | TO-3 | 40 | 40 | 5 | 15 | 60 | 2 | 15 | 2 | 1.7 | 20 | 2 | .875 | 4 |
| 2N5302 | TO-3 | 60 | 60 | 5 | 15 | 60 | 2 | 15 | 2 | 1.7 | 20 | 2 | .875 | 4 |
| 2N5330 | TO- 61/I | 150 | 90 | 8 | 40 | 120 | 2 | 10 | .6 | 1.3 | 10 | .5 | 1.25 | 80 |
| 2N5331 | TO-63 | 150 | 90 | 8 | 40 | 120 | 2 | 10 | .6 | 1.3 | 10 | .5 | 1.25 | 80 |
| 2N5560 | TO-63 | 175 | 120 | 8 | 30 | 90 | 2 | 15 | .8 | 1.3 | 15 | 1.5 | 1.5 | 40 |
| 2N5584 | TO-63 | 225 | 180 | 8 | 40 | 120 | 3 | 10 | 1.5 | 1.8 | 20 | 2 | 1 | 20 |
| 2N5671 | TO-3 | 120 | 90 | 7 | 20 | 100 | 2 | 15 | .75 | 1.5 | 15 | 1.2 | 1.25 | 50 |
| 2N5672 | TO-3 | 150 | 120 | 7 | 20 | 100 | 2 | 15 | .75 | 1.5 | 15 | 1.2 | 1.25 | 50 |
| 2N5733 | TO-63 | 100 | 80 | 6 | 30 | 300 | 2 | 10 | 1.2 | 1.5 | 20 | 2 | 1 | 40 |
| 2N5734 | TO-3 | 100 | 80 | 5 | 30 | 300 | 2 | 10 | 1.2 | 1.5 | 20 | 2 | 1 | 30 |
| 2N6258 | TO-3 | 100 | 80 | 7 | 20 | 60 | 2 | 15 | .75 | 2.5 | 15 | 1.5 | .7 | 1 |
| 2N6259 | TO-3 | 170 | 150 | 7 | 15 | 60 | 2 | 8 | 1 | 2 | 8 | .8 | .7 | 1 |
| 2N6270 | TO-3 | 100 | 80 | 8 | 20 | 100 | 4 | 15 | 1 | 1.8 | 15 | 1.5 | .87 | 75 |
| 2N6271 | TO-3 | 120 | 100 | 8 | 20 | 100 | 4 | 15 | 1 | 1.8 | 15 | 1.5 | .87 | 75 |
| 2N6272 | TO-63 | 100 | 80 | 8 | 20 | 100 | 4 | 15 | 1 | 1.8 | 15 | 1.5 | .87 | 75 |
| 2N6273 | TO-63 | 120 | 100 | 8 | 20 | 100 | 4 | 15 | 1 | 1.8 | 15 | 1.5 | .87 | 75 |
| 2N6322 | TO-3 | 300 | 200 | 5 | 40 | 150 | 5 | 5 | 1.5 | 2 | 20 | 2 | .75 | 30 |
| 2N6323 | TO-3 | 400 | 300 | 5 | 30 | 150 | 5 | 5 | 1.5 | 2 | 20 | 2 | .75 | 30 |
| 2N6324 | TO-63 | 300 | 200 | 5 | 40 | 150 | 5 | 5 | 1.5 | 2 | 20 | 2 | .75 | 30 |
| 2N6325 | TO-63 | 400 | 300 | 5 | 30 | 150 | 5 | 5 | 1.5 | 2 | 20 | 2 | .75 | 30 |
| 2N6326 | TO-3 | 60 | 60 | 5 | 6 | 30 | 4 | 30 | 1.5 | 1.8 | 15 | 1.5 | .7 | 40 |
| 2N6327 | TO-3 | 80 | 80 | 5 | 6 | 30 | 4 | 30 | 1.5 | 1 | 15 | 1.5 | .7 | 4 |
| 2N6328 | TO-3 | 100 | 100 | 5 | 6 | 30 | 4 | 30 | 1.5 | 1.8 | 15 | 1.5 | .7 | 4 |
| 2N6359 | TO-3 | 100 | 80 | 7 | 15 | 60 | 4 | 8 | 1.4 | 2.2 | 8 | .8 | 1.2 | 10 |
| 2N6360 | TO-3 | 120 | 100 | 7 | 15 | 60 | 4 | 6 | 1 | 2 | 6 | .6 | 1.2 | 10 |

