

TRANSISTORS—SMALL SIGNAL

NPN RF—IF AMPLIFIER AND OSCILLATOR TRANSISTORS (BY ASCENDING FREQUENCY) PLASTIC PACKAGE

| TYPE | P.G. (OSC. Po) | | V _{CEO} VOLTS MIN | f _T MHz MIN | C _{ob} (C _{cb}) pF MAX | NF | | P _D T _A 25°C mW | PACKAGE |
|---------------|-------------------|-----|----------------------------------|------------------------------|--|---------------|-----|--|---------|
| | dB @ f MIN | MHz | | | | dB @ f MAX | MHz | | |
| 2N5127 | | | 12 | 150 | (3.5) | | | 200 | T0-106 |
| PE3100 | | | 30 | 400 | (0.85) | | | 300 (65°C) | T0-92 |
| SE1010 | | | 15 | 200 | 3.5 | 5.5 @ 1 | | 200 | T0-106 |
| 2N3564 | 10.0 @ 30 | | 15 | 400 | 3.5 | | | 200 | T0-106 |
| PE5025 | 25.0 @ 45 | | 30 | 300 | (1.0) | | | 300 (65°C) | T0-92 |
| PE5013 | 25.0 @ 45 | | 20 | 300 | (0.4) | 4.0 @ 45 | | 200 (65°C) | T0-92 |
| PE5029 | 28.0 @ 45 | | 30 | 500 | (0.4) | 6.0 @ 45 | | 300 (65°C) | T0-92 |
| PE5030B | 28.0 @ 45 | | 40 | 600 | (0.4) | | | 300 (65°C) | T0-92 |
| 2N3688 | 29.0 @ 45 | | 40 | 400 | 1.6 | | | 200 | T0-106 |
| 2N3689 | 29.0 @ 45 | | 40 | 400 | 1.6 | | | 200 | T0-106 |
| MPS6511 | 30.0 @ 45 | | 20 | | 2.5 | | | 625 | T0-92 |
| PE5015 | 20.0 @ 100 | | 20 | 300 | (0.5) | 4.0 @ 100 | | 200 (65°C) | T0-92 |
| SE5006 | 20.0 @ 100 | | 40 | 400 | 1.6 | | | 200 | T0-106 |
| 2N5126 | | | 20 | 300 | (1.6) | | | 200 | T0-106 |
| EN918 | 14.0 @ 200 | | 15 | 600 | 1.7 | 6.0 @ 60 | | 200 | T0-106 |
| 2N3563 | 14.0 @ 200 | | 12 | 600 | 1.7 | | | 200 | T0-106 |
| 2N3690 | 15.0 @ 200 | | 40 | 400 | 1.6 | 5.5 @ 200 | | 200 | T0-106 |
| MPS918 | 15.0 @ 200 | | 15 | 600 | 1.7 | 6.0 @ 60 | | 625 | T0-92 |
| 2N5130 | 17.0 @ 200 | | 12 | 450 | (1.7) | | | 200 | T0-106 |
| PE5031 | 19.0 @ 200 | | 30 | 500 | 0.4 | 4.5 @ 200 | | 300 (65°C) | T0-92 |
| PE5010 | 20.0 @ 200 | | 30 | 375 | (0.5) | 3.3 @ 200 | | 200 (65°C) | T0-92 |
| SE3001 | 12.0 @ 500 | | 12 | 600 | 1.7 | | | 200 | T0-106 |
| SE3002 | 12.0 @ 500 | | 12 | 600 | 1.7 | | | 200 | T0-106 |
| 2N5770 | 15.0 @ 500 | | 15 | 900 | (1.7) | 6.0 @ 60 | | 625 | T0-92 |
| EN918 | (30.0) @ 500 | | 15 | 600 | 1.7 | 6.0 @ 60 | | 200 | T0-106 |
| 2N5770 | (30.0) @ 500 | | 15 | 900 | 1.7 | 6.0 @ 60 | | 625 | T0-92 |
| MPS3563 | (30.0) @ 500 | | 12 | 600 | 1.7 | 6.0 @ 60 | | 625 | T0-92 |
| MPS918 | (30.0) @ 500 | | 15 | 600 | 1.7 | 6.0 @ 60 | | 625 | T0-92 |
| SE3001 | | | 12 | 600 | 1.7 | | | 200 | T0-106 |
| SE3002 | (3.0) @ 930 | | 12 | 600 | 1.7 | | | 200 | T0-106 |

Preferred devices in bold type