

RF-IF High Frequency Transistors

| TYPE NO. | POLARITY | CASE | MAXIMUM RATINGS | | | H _{FE} | | | | V _{CE(sat)} | | f _T min (MHz) | C _{ob} C _{re} * max (pF) | N.F. max (dB) |
|----------|----------|--------|------------------------|------------------------|-------------------------|-----------------|-------|------------------------|------------------------|----------------------|------------------------|--------------------------------|-----------------------------------------------------|---------------------|
| | | | P _d (mW) | I _C (mA) | V _{CEO} (V) | min | max | I _C (mA) | V _{CE} (V) | max (V) | I _C (mA) | | | |
| MPS3826 | N | TO-92A | 350 | 100 | 45 | 40 | 160 | 10 | 10 | - | - | 200 | 3.5 | - |
| MPS3827 | N | TO-92A | 350 | 100 | 45 | 100 | 400 | 10 | 10 | - | - | 200 | 3.5 | - |
| MPS6507 | N | TO-92A | 350 | 100 | 20 | 25 | - | 2 | 10 | - | - | 700 | 2.5 | - |
| MPS6511 | N | TO-92A | 350 | 50 | 20 | 25 | - | 10 | 10 | - | - | - | 2.5 | - |
| MPS6539 | N | TO-92C | 350 | 50 | 20 | 20 | - | 4 | 10 | - | - | 500 | 0.7 | 4.5 |
| MPS9425 | N | TO-92A | 350 | 100 | 18 | 25 | 160 # | 1 | 5 | 0.3+ | 10 | 300 | 1.8 | - |
| MPS9623 | N | TO-92A | 310 | 100 | 18 | 25 | 300 # | 1 | 5 | 0.5 | 10 | 100 | 3.5 | - |
| MPS9624 | N | TO-92A | 310 | 50 | 30 | 25 | 300 # | 1 | 5 | 0.5 | 10 | 100 | 3.5 | - |
| MPS9625 | N | TO-92A | 310 | 50 | 12 | 25 | 300 # | 1 | 5 | 0.3+ | 10 | 250 | 1.8 | - |
| MPSH11 | N | TO-92C | 310 | 50 | 25 | 60 | - | 5 | 10 | 0.5 | 10 | 800 | 0.9 | 6 |
| MPSH17 | N | TO-92C | 625 | 50 | 15 | 25 | 250 | 2 | 12 | 1.3 | 10 | 100 | 3.2 | - |
| PN918 | N | TO-92A | 600 | 50 | 15 | 20 | - | 3 | 1 | 0.4 | 10 | 600 | 1.7 | - |
| PN3563 | N | TO-92A | 250 | 50 | 12 | 20 | 200 | 8 | 10 | - | - | 600 | 1.7 | 4+ |
| PN3564 | N | TO-92A | 250 | 50 | 15 | 20 | 200 | 15 | 10 | 0.3 | 20 | 400 | 3.5 | - |
| PN5130 | N | TO-92A | 250 | 50 | 12 | 15 | 250 | 8 | 10 | 0.6 | 10 | 450 | 1.7 | 4+ |
| PN5132 | N | TO-92A | 250 | 50 | 20 | 30 | 400 | 10 | 10 | 0.2 | 10 | 200 | 3.5 | - |
| 2N915 | N | TO-18 | 360 | - | 50 | 50 | 200 | 10 | 5 | 1 | 10 | 250 | 3.5 | - |
| 2N916 | N | TO-18 | 360 | - | 25 | 50 | 200 | 10 | 1 | 0.5 | 10 | 300 | 6 | - |
| 2N917 | N | TO-72G | 200 | 50 | 15 | 20 | 200 | 3 | 1 | 0.5 | 3 | 500 | 1.7 | 6 |
| 2N918 | N | TO-72G | 200 | 50 | 15 | 20 | - | 3 | 1 | 0.4 | 10 | 600 | 1.7 | 6 |
| 2N2615 | N | TO-18 | 300 | - | 15 | 20 | - | 3 | 1 | - | - | 500 | 2.8 | - |
| 2N2616 | N | TO-18 | 300 | 50 | 15 | 20 | - | 3 | 1 | 0.4 | 10 | 600 | 2.8 | 6 |
| 2N2865 | N | TO-72G | 200 | 50 | 13 | 20 | 200 | 4 | 10 | 0.4 | 10 | 600 | 2.5 | 4.5 |
| 2N3478 | N | TO-72G | 200 | - | 15 | 25 | 150 | 2 | 8 | - | - | 750 | 1 | 4.5 |
| 2N3600 | N | TO-72G | 200 | - | 15 | 20 | 150 | 3 | 1 | 0.4 | 10 | 850 | - | 4.5 |
| 2N3662 | N | TO-92B | 200 | 25 | 12 | 20 | - | 8 | 10 | 0.6 | 10 | 700 | 1.5 | 4 |
| 2N3663 | N | TO-92B | 200 | 25 | 12 | 20 | - | 8 | 10 | 0.6 | 10 | 700 | 1.5 | 4 |
| 2N3825 | N | TO-92B | 250 | 100 | 15 | 20 | - | 2 | 10 | 0.25 | 2 | 200 | 3.5 | 4 |
| 2N3826 | N | TO-92B | 360 | 30 | 45 | 40 | 160 | 10 | 10 | - | - | 200 | 3.5 | 4 |
| 2N3827 | N | TO-92B | 360 | 30 | 45 | 100 | 400 | 10 | 10 | - | - | 200 | 3.5 | 4 |
| 2N3854 | N | TO-92B | 200 | 100 | 18 | 35 | 70 | 2 | 4.5 | 0.2 | 10 | 100 | 3.5 | - |
| 2N3854A | N | TO-92B | 200 | 100 | 30 | 35 | 70 | 2 | 4.5 | 0.2 | 10 | 100 | 3.5 | - |
| 2N3855 | N | TO-92B | 200 | 100 | 18 | 60 | 120 | 2 | 4.5 | 0.2 | 10 | 130 | 3.5 | - |
| 2N3855A | N | TO-92B | 200 | 100 | 30 | 60 | 120 | 2 | 4.5 | 0.2 | 10 | 130 | 3.5 | - |
| 2N3856 | N | TO-92B | 200 | 100 | 18 | 100 | 200 | 2 | 4.5 | 0.2 | 10 | 140 | 3.5 | - |
| 2N3856A | N | TO-92B | 200 | 100 | 30 | 100 | 200 | 2 | 4.5 | 0.2 | 10 | 140 | 3.5 | - |
| 2N3932 | N | TO-72G | 200 | - | 20 | 40 | 150 | 2 | 8 | - | - | 750 | 0.55* | 4.5 |
| 2N3933 | N | TO-72G | 200 | - | 30 | 60 | 200 | 2 | 8 | - | - | 750 | 0.55* | 4 |
| 2N4259 | N | TO-72G | 175 | - | 30 | 60 | 250 | 2 | 8 | - | - | 750 | 0.55* | 5 |
| 2N4292 | N | TO-92B | 200 | 50 | 15 | 20 | - | 3 | 1 | 0.6 | 10 | 600 | 3.5 | 6 |
| 2N4293 | N | TO-92B | 200 | 50 | 15 | 20 | - | 3 | 1 | 0.6 | 10 | 600 | 3.5 | 6 |
| 2N4934 | N | TO-72J | 200 | - | 30 | 40 | 170 | 2 | 8 | - | - | 700 | - | 3.5 |
| 2N4935 | N | TO-72J | 200 | - | 40 | 60 | 200 | 2 | 8 | - | - | 700 | - | 3.6 |
| 2N4936 | N | TO-72J | 200 | - | 40 | 60 | 250 | 2 | 8 | - | - | 700 | - | 4.5 |
| 2N4994 | N | TO-92F | 360 | 30 | 45 | 40 | 160 | 10 | 10 | - | - | 200 | 3.5 | - |
| 2N4995 | N | TO-92F | 360 | 30 | 45 | 100 | 400 | 10 | 10 | - | - | 200 | 3.5 | - |
| 2N5179 | N | TO-72G | 200 | 50 | 12 | 25 | 250 | 3 | 1 | 0.4 | 10 | 600+ | 1 | 4.5 |
| 2N5180 | N | TO-72G | 180 | - | 15 | 20 | 200 | 2 | 8 | 0.3 | 10 | 650 | 1 | - |
| 2N5181 | N | TO-72G | 180 | 50 | 45□ | 27 | - | 1 | 6 | - | - | 400 | - | - |
| 2N5182 | N | TO-72G | 180 | - | 35□ | 27 | - | 1 | 6 | - | - | 400 | - | - |

□ BVCBO + typical value # HFE groupings available.