

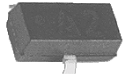

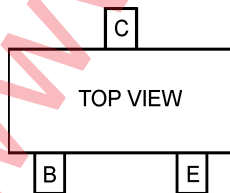
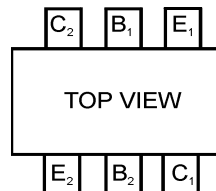


NPN, PNP Transistors, MOSFET

| Type Number | Collector to Emitter Voltage | | DC Current Gain | | Saturation Voltage, Collector to Emitter | | Gain Bandwidth Product | |
|----------------------------------------------------------|------------------------------|---------|--------------------------|--------|------------------------------------------|------------|------------------------|---------------------------------------------------------------------------------------|
| | V_{CEO} | | $h_{FE} @ V_{CEO} / I_C$ | | $V_{CE SAT} @ I_C / I_B$ | | $f_T @ V_{CE} / I_C$ | |
| | V | Min-Max | V / mA | Max. V | mA / mA | MHz | V / mA | |
| NPN Transistors / SOT-323 <small>NEW</small> | | | | | | | |  |
| MMST2222A | 40 | 100-300 | 10/150 | 1.0 | 500/50 | 300min | 20/20 | |
| MMST3904 | 40 | 100-300 | 1.0/10 | 0.30 | 50/5.0 | 300min | 20/20 | |
| MMST4401 | 40 | 100-300 | 1.0/150 | 0.75 | 500/50 | 250min | 10/20 | |
| Dual NPN Transistors / SOT-363 <small>NEW</small> | | | | | | | |  |
| MMDT2222A | 40 | 100-300 | 10/150 | 1.0 | 500/50 | 300min | 20/20 | |
| MMDT3904 | 40 | 100-300 | 1.0/10 | 0.30 | 50/5.0 | 300min | 20/20 | |
| MMDT4401 | 40 | 100-300 | 1.0/150 | 0.75 | 500/50 | 250min | 10/20 | |
| NPN Transistors / SOT-23 | | | | | | | |  |
| MMBT2222A | 40 | 100-300 | 10/150 | 1.0 | 500/50 | 300min | 20/20 | |
| MMBT3904 | 40 | 100-300 | 1.0/10 | 0.30 | 50/5 | 300min | 20/20 | |
| MMBT4401 | 40 | 100-300 | 1.0/150 | 0.75 | 500/50 | 250min | 10/20 | |
| MMBTA42 <small>NEW</small> | 300 | 40min | 10/30 | 0.5 | 20/2.0 | 50min | 20/10 | |
| MBT5551 <small>NEW</small> | 160 | 80-250 | 5.0/10 | 0.20 | 50/5.0 | 100-300min | 10/10 | |
| MMBT4124 <small>NEW</small> | 25 | 120-360 | 1.0/2.0 | 0.30 | 50/5.0 | 250min | 20/20 | |
| MMBTA05 | 60 | 100min | 1.0/100 | 0.25 | 100/10 | 100min | 1/10 | |
| MMBTA06 | 80 | 100min | 1.0/100 | 0.25 | 100/10 | 100min | 1/10 | |
| PNP Transistors / SOT-323 <small>NEW</small> | | | | | | | |  |
| MMST2907A | -60 | 100-300 | -10/-150 | -1.6 | -500/-50 | 200min | -20/-50 | |
| MMST3906 | -40 | 100-300 | -1.0/-10 | -0.40 | -50/-5.0 | 250min | -20/-10 | |
| MMST4403 | -40 | 100-300 | -2.0/-150 | -0.75 | -500/-50 | 200min | -10/-20 | |



NPN/PNP TRANSISTOR
PIN CONFIGURATION
SOT-23 / SOT-323



NPN/PNP TRANSISTOR
PIN CONFIGURATION
SOT-363