

Dual Transistors

TO-78 Case (Continued)



| TYPE NO. | DESCRIPTION | I_C | V_{CBO} | V_{CEO} | h_{FE} | | $@ I_C$ | $@ V_{CE}$ | $V_{CE(SAT)}$ | $@ I_C$ | f_T | MATCHING | |
|----------|-----------------|-------|-----------|-----------|----------|-----|---------|------------|---------------|---------|-------------|----------|----------|
| | | (mA) | (V) | (V) | (V) | | (mA) | (V) | (V) | (mA) | (MHz) | h_{FE} | V_{BE} |
| | | MAX | MIN | MIN | MIN | MAX | | MAX | | | *TYP MIN | % | (mV) |
| MD982 | PNP AMPL/SWITCH | 600 | 60 | 50 | 35 | -- | 10 | 10 | 0.5 | 150 | 200 | -- | -- |
| MD2219A | NPN AMPL/SWITCH | 500 | 60 | 30 | 100 | 300 | 150 | 10 | 0.4 | 150 | 200 | -- | -- |
| MD2369 | NPN SAT SWITCH | 500 | 40 | 15 | 40 | 140 | 10 | 1 | 0.25 | 10 | 500 | -- | -- |
| MD2369A | NPN SAT SWITCH | 500 | 40 | 15 | 40 | 140 | 10 | 1 | 0.25 | 10 | 500 | 10 | 5.0 |
| MD2369B | NPN SAT SWITCH | 500 | 40 | 15 | 40 | 140 | 10 | 1 | 0.25 | 10 | 500 | 20 | 10 |
| MD2905A | PNP AMPL/SWITCH | 600 | 60 | 60 | 100 | 300 | 150 | 10 | 0.4 | 150 | 200 | -- | -- |
| MD5179 | NPN VHF/UHF OSC | 50 | 20 | 12 | 25 | -- | 3.0 | 1.0 | 0.4 | 10 | 900 | 10 | 10 |
| MD7000 | NPN AMPL/SWITCH | 500 | 50 | 30 | 40 | -- | 300 | 30 | 0.4 | 150 | 200 | -- | -- |
| MD7001 | PNP AMPL/SWITCH | 600 | 50 | 30 | 40 | -- | 300 | 30 | 0.4 | 150 | 200 | -- | -- |
| MD7002 | NPN LOW NOISE | 30 | 50 | 40 | 40 | -- | 0.1 | 10 | 0.35 | 10 | 200 | -- | -- |
| MD7002A | NPN LOW NOISE | 30 | 50 | 40 | 40 | -- | 0.1 | 10 | 0.35 | 10 | 200 | 25 | 25 |
| MD7002B | NPN LOW NOISE | 30 | 50 | 40 | 40 | -- | 0.1 | 10 | 0.35 | 10 | 200 | 15 | 15 |
| MD7003 | PNP LOW NOISE | 50 | 50 | 40 | 40 | -- | 0.1 | 10 | 0.35 | 10 | 200 | -- | -- |
| MD7003A | PNP LOW NOISE | 50 | 50 | 40 | 40 | -- | 0.1 | 10 | 0.35 | 10 | 200 | 25 | 25 |
| MD7003B | PNP LOW NOISE | 50 | 50 | 40 | 40 | -- | 0.1 | 10 | 0.35 | 10 | 200 | 15 | 15 |
| MD8001 | NPN LOW NOISE | 30 | 40 | 40 | 100 | -- | 1.0 | 10 | -- | -- | 260* | -- | 15 |
| MD8002 | NPN LOW NOISE | 30 | 50 | 50 | 100 | -- | 1.0 | 10 | -- | -- | 260* | -- | 15 |
| MD8003 | NPN LOW NOISE | 30 | 60 | 60 | 100 | -- | 1.0 | 10 | -- | -- | 260* | -- | 15 |

Available on Special Order. Please Consult Factory.

| | | | |
|-----------|--------|----------|----------|
| 2N4854* | MD984 | MD3250,A | MD6502 |
| 2N4937 | MD985* | MD3251,A | MD7004 |
| 2N4938 | MD986 | MD3725 | MD7005 |
| 2N4939 | MD1123 | MD6002 | MD7007,A |
| 2N6502 | MD1130 | MD6003 | MD7021* |
| MD918,A,B | MD1132 | MD6100* | |

*NPN/PNP Complementary Types.



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