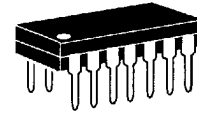


Quad Transistors*

TO-116 Case (14 Pin Dip)



T_C (@ 25°C)=3.0Watts Total (4 Die Equal Power)

| TYPE NO. | DESCRIPTION | V_{CB0} | V_{CE0} | V_{EBO} | I_{CBO} @ V_{CB0} | | f_{FE} @ I_C | | $V_{CE(SAT)}$ @ I_C | | C_{ob} | f_T | NF | t_{OFF} | COMMENTS | PIN CONFIGURATION** |
|----------|----------------------|------------|------------|------------|-----------------------|------------|------------------|-------------|-----------------------|-------------|----------|-------|-----|-----------|-----------------------|---------------------|
| | | (V) MIN | (V) MIN | (V) MIN | (nA) MAX | (V) MAX | (mA) MIN | (mA) MAX | (V) MAX | (mA) MAX | | | | | | |
| MPQ2222 | NPN AMPL/SWITCH | 60 | 40 | 5.0 | 50 | 50 | 30 | 300 | 0.40 | 150 | 8.0 | 200 | -- | 250 | 4X 2N2222 | A |
| MPQ2369 | NPN SAT SWITCH | 40 | 15 | 4.5 | 400 | 20 | 20 | 100 | 0.25 | 10 | 4.0 | 450 | -- | 15 | 4X 2N2369 | A |
| MPQ2483 | NPN LOW NOISE | 60 | 40 | 6.0 | 20 | 45 | 150 | 10 | 0.50 | 10 | 8.0 | 50 | 3.0 | -- | 4X 2N2483 | A |
| MPQ2484 | NPN LOW NOISE | 60 | 40 | 6.0 | 20 | 45 | 300 | 10 | 0.50 | 10 | 8.0 | 50 | 2.0 | -- | 4X 2N2484 | A |
| MPQ2907 | PNP AMPL/SWITCH | 60 | 40 | 5.0 | 50 | 30 | 50 | 300 | 0.40 | 150 | 8.0 | 200 | -- | 100 | 4X 2N2907 | B |
| MPQ3467 | PNP CORE DRIVER | 40 | 40 | 5.0 | 200 | 30 | 20 | 500 | 0.50 | 500 | 25 | 125 | -- | 80 | 4X 2N3467 | B |
| MPQ3725 | NPN CORE DRIVER | 60 | 40 | 5.0 | 500 | 40 | 25 | 500 | 0.45 | 500 | 10 | 250 | -- | 50 | 4X 2N3725 | A |
| MPQ3725A | NPN CORE DRIVER | 70 | 50 | 5.0 | 500 | 40 | 30 | 500 | 0.45 | 500 | 10 | 200 | -- | 50 | 4X 2N3725A | A |
| MPQ3762 | PNP CORE DRIVER | 40 | 40 | 5.0 | 100 | 30 | 20 | 1,000 | 0.55 | 500 | 15 | 150 | -- | 100 | 4X 2N3762 | B |
| MPQ3904 | NPN AMPL/SWITCH | 60 | 40 | 6.0 | 50 | 40 | 75 | 10 | 0.20 | 10 | 4.0 | 250 | -- | 130 | 4X 2N3904 | A |
| MPQ3906 | PNP AMPL/SWITCH | 40 | 40 | 5.0 | 50 | 30 | 75 | 10 | 0.25 | 10 | 4.5 | 200 | -- | 150 | 4X 2N3906 | B |
| MPQ6002 | NPN/PNP AMPL/SWITCH | 60 | 30 | 5.0 | 30 | 50 | 30 | 300 | 0.40 | 150 | 8.0 | 200 | -- | 225 | 2X 2N2222 + 2X 2N2907 | C |
| MPQ6100A | NPN/PNP LOW NOISE | 60 | 45 | 5.0 | 10 | 50 | 125 | 10 | 0.25 | 1.0 | 4.0 | 50 | 4.0 | -- | 2X 2N2484 + 2X 2N3799 | C |
| MPQ6502 | NPN/PNP AMPL/SWITCH | 60 | 30 | 5.0 | 30 | 50 | 30 | 300 | 0.40 | 150 | 8.0 | 200 | -- | 225 | 2X 2N2222 + 2X 2N2907 | D |
| MPQ6700 | NPN/PNP AMPL/SWITCH | 40 | 40 | 5.0 | 50 | 30 | 70 | 10 | 0.25 | 10 | 4.5 | 200 | -- | 150 | 2X 2N3904 + 2X 2N3906 | D |
| MPQ7043 | NPN HIGH VOLTAGE | 250 | 250 | 5.0 | 100 | 180 | 40 | 30 | 0.50 | 20 | 5.0 | 50 | -- | -- | 4X MPSA42 | A |
| MPQ7053 | NPN/PNP HIGH VOLTAGE | 250 | 250 | 5.0 | 250 | 180 | 25 | 30 | 0.70 | 20 | 6.0 | 50 | -- | -- | 2X MPSA42 + 2X MPSA92 | D |
| MPQ7093 | PNP HIGH VOLTAGE | 250 | 250 | 5.0 | 250 | 180 | 25 | 30 | 0.50 | 20 | 5.0 | 50 | -- | -- | 4X MPSA92 | A |

* Not recommended for new designs.

** See mechanical drawing on page 220.