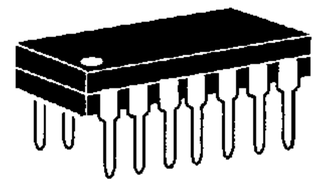
Quad Transistors*

TO-116 Case (14 Pin Dip)



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

TYPE NO.	DESCRIPTION	BV_{CBO} (V) MIN	BV_{CEO} (V) MIN	BV_{EBO} (V) MIN	I_{CBO} @ V_{CBO} (nA) MAX	(V)	h_{FE} MIN	@ I_C (mA)	$V_{CE(SAT)}$ (V) MAX	@ I_C (mA)	C_{ob} (pF) MAX	f_T (MHz) MIN	NF (dB) TYP	t_{OFF} (ns) TYP	COMMENTS	PIN CONFIGURATION**
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/PNPHIGH 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.

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