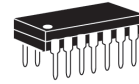


# Quad Transistors

## TO-116 Case (14 Pin DIP)



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

TYPE NO.	DESCRIPTION	$V_{CB0}$	$V_{CE0}$	$V_{EBO}$	$I_{CB0}$ @ $V_{CB}$		$h_{FE}$ @ $I_C$		$V_{CE(SAT)}$ @ $I_C$		$C_{ob}$ (pF) MAX	$f_T$ (MHz) MIN	NF Typ † (dB) MAX	$t_{OFF}$ (ns)	COMMENTS	PIN CONFIG.**
		(V)	(V)	(V)	(nA)	(V)	(mA)	(V)	(mA)							
		MIN	MIN	MIN	MAX	MIN	MAX	MAX	MAX							
MPQ2222	NPN AMPL/SWITCH	60	40	5.0	50	50	30	300	0.40	150	8.0	200	--	--	4X 2N2222	A
MPQ2222A	NPN AMPL/SWITCH	60	40	6.0	60	10	40	500	0.30	150	8.0	200	--	--	4X 2N222A	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
MPQ2906	PNP AMPL/SWITCH	60	40	5.0	50	30	30	300	0.4	150	8.0	200	--	150 TYP	4X 2N2906	B
MPQ2907	PNP AMPL/SWITCH	60	40	5.0	50	30	50	300	0.40	150	8.0	200	--	150 TYP	4X 2N2907	B
MPQ2907A	PNP AMPL/SWITCH	60	60	5.0	50	30	50	300	0.40	150	8.0	200	--	150 TYP	4X 2N2907A	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
MPQ3798	PNP LOW NOISE	60	40	5.0	10	50	125	10	0.25	1.0	4.0	60	2.5†	--	4X 2N3798	B
MPQ3799	PNP LOW NOISE	60	60	5.0	10	50	250	10	0.25	1.0	4.0	60	1.5†	--	4X 2N3799	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 2N2907 2X 2N2222	C
MPQ6100A	NPN/PNP LOW NOISE	60	45	5.0	10	50	125	10	0.25	1.0	4.0	50	4.0	--	+ 2X 2N3799 2X 2N2484	C
MPQ6502	NPN/PNP AMPL/SWITCH	60	30	5.0	30	50	30	300	0.40	150	8.0	200	--	225	+ 2X 2N2907 2X 2N2222	D
MPQ6700	NPN/PNP AMPL/SWITCH	40	40	5.0	50	30	70	10	0.25	10	4.5	200	--	150	+ 2X 2N3906 2X 2N3904	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 MPSA92 2X MPSA42	D
MPQ7093	PNP HIGH VOLTAGE	250	250	5.0	250	180	25	30	0.50	20	5.0	50	--	--	4X MPSA92	A

\*\* See mechanical drawing on page 221.

(16-March 2012)

## OUTSTANDING SUPPORT AND SUPERIOR SERVICES



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### PRODUCT SUPPORT

Central's operations team provides the highest level of support to insure product is delivered on-time.

- Supply management (Customer portals)
- Inventory bonding
- Consolidated shipping options
- Custom bar coding for shipments
- Custom product packing

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### DESIGNER SUPPORT/SERVICES

Central's applications engineering team is ready to discuss your design challenges. Just ask.

- Free quick ship samples (2<sup>nd</sup> day air)
- Online technical data and parametric search
- SPICE models
- Custom electrical curves
- Environmental regulation compliance
- Customer specific screening
- Up-screening capabilities
- Special wafer diffusions
- PbSn plating options
- Package details
- Application notes
- Application and design sample kits
- Custom product and package development

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### REQUESTING PRODUCT PLATING

1. If requesting Tin/Lead plated devices, add the suffix " TIN/LEAD" to the part number when ordering (example: 2N2222A TIN/LEAD).
2. If requesting Lead (Pb) Free plated devices, add the suffix " PBFREE" to the part number when ordering (example: 2N2222A PBFREE).

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