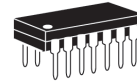


Quad Transistors

TO-116 Case (14 Pin DIP)



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

TYPE NO.	DESCRIPTION	BV _{CBO}	BV _{CEO}	BV _{EBO}	I _{CBO} @ V _{CB}		h _{FE}	@ I _C	V _{CE} (SAT) @ I _C		C _{ob}	f _T	NF Typ † (dB)	t _{OFF}	COMMENTS	PIN CONFIG.**
		(V)	(V)	(V)	(nA)	(V)		(mA)	(V)	(mA)	(pF)	(MHz)				
		MIN	MIN	MIN	MAX		MIN		MAX		MAX	MIN	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)

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- Application notes
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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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Product End of Life Notification

PDN ID:	PDN01169
Notification Date:	3/26/21
Last Buy Date:	9/26/21
Last Shipment Date	3/26/22

Summary: The devices below manufactured in the TO-116 case are discontinued and now classified as End of Life (EOL); last time buy orders will be NCNR. Note: MPQ2222, MPQ222A, and MPQ3904 are NOT being discontinued and remain active devices.

Although Central Semiconductor Corp. makes every effort to continue to produce devices that have been proclaimed EOL (End of Life) by other manufacturers, it is an accepted industry practice to discontinue certain devices when customer demand falls below a minimum level of sustainability. Accordingly, the following product(s) have been transitioned to End of Life status as part of Central's ongoing Product Management Process. Any replacement products are noted below. The effective date for placing last purchase orders will be six (6) months from the date of this notice and twelve (12) months from the notice date for final shipments, and minimum order quantities may apply. The last purchase and shipment dates may be extended if inventory is available.

*** All Plating types (PBFREE, TIN/LEAD) for each item listed are included in this notice.**

Central Part Number	Replacement
MPQ2369	N/A
MPQ2483	N/A
MPQ2484	N/A
MPQ2907	N/A
MPQ2907A	N/A
MPQ3467	N/A
MPQ3762	N/A
MPQ3798	N/A
MPQ3799	N/A
MPQ3906	N/A
MPQ6002	N/A
MPQ6100A	N/A
MPQ6502	N/A
MPQ6700	N/A
MPQ7043	N/A
MPQ7053	N/A
MPQ7093	N/A

Central would be happy to assist you by providing additional information or technical data to help locate an alternate source if we have no replacement available. Please email your requests to engineering@centrasemi.com.

DISCLAIMER: This End of Life (EOL) notification is in accordance with JEDEC standard JESD48 - Product Discontinuance. Central Semiconductor Corp. will make every effort to offer life-time buy (LTB) opportunities and/or offer replacement devices to existing customers for discontinued devices, however, one or both may not be possible for all devices. Please contact your local Central Semiconductor sales representative for LTB opportunities/additional information.