

MIC4452BN



Part Number: [MIC4452BN](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC DRIVER MOSF 12A LO SIDE 8DIP

Data sheet:

RoHs Status: Contains lead / RoHS non-compliant

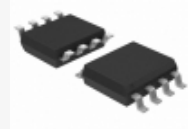
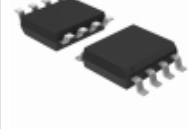
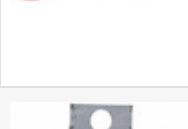
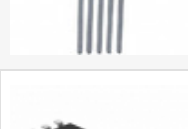
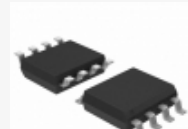
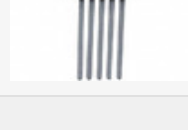
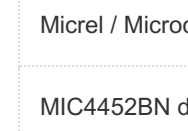
Ship From: Hong Kong

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Request For Quotation

PRODUCT PARAMETER			
Part Number	MIC4452BN	Manufacturer	Micrel / Microchip Technology
Description	IC DRIVER MOSF 12A LO SIDE 8DIP	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	53362 pcs	Data sheet	
Category	Integrated Circuits (ICs)	Voltage - Supply	4.5 V ~ 18 V
Supplier Device Package	8-PDIP	Series	-
Rise / Fall Time (Typ)	20ns, 24ns	Packaging	Tube
Package / Case	8-DIP (0.300", 7.62mm)	Operating Temperature	-40°C ~ 85°C (TA)
Number of Drivers	1	Mounting Type	Through Hole
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Logic Voltage - VIL, VIH	0.8V, 2.4V
Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant	Input Type	Non-Inverting
Gate Type	IGBT, N-Channel MOSFET	Driven Configuration	Low-Side
Detailed Description	Low-Side Gate Driver IC Non-Inverting 8-PDIP	Current - Peak Output (Source, Sink)	12A, 12A
Channel Type	Single	Base Part Number	MIC4452
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RELATED PRODUCTS			
	Part#: MIC4452VM-TR Description: IC DRIVER MOSFET 12A HIGH SPEED	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC4452YM Description: IC DRIVER MOSFET 12A HS 8-SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC4452ABM Description: IC DRIVER MOSFET 12A HS 8-SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC4451YM-TR Description: IC DRIVER MOSFET 12A HS 8-SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC4452YM-TR Description: IC DRIVER MOSF 12A LO SIDE 8SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC4467BWM TR Description: IC DRIVER MOSF QUAD 1.2A 16-SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC4452ABN Description: IC DRIVER MOSFET 12A HS 8-DIP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC4451CT Description: IC DRIVER MOSFET 12A HS TO-220-5	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC4452VM Description: IC DRIVER MOSFET 12A HIGH SPEED	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC4451YM Description: IC DRIVER MOSF 12A LO SIDE 8SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC4452ABM-TR Description: IC DRIVER MOSFET 12A HS 8-SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC4452BM-TR Description: IC DRIVER MOSF 12A LO SIDE 8SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC4451YN Description: IC DRIVER MOSF 12A LO SIDE 8DIP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC4452BM Description: IC DRIVER MOSF 12A LO SIDE 8SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC4467BWM Description: IC DRIVER MOSF QUAD 1.2A 16-SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC4452YN Description: IC DRIVER MOSF 12A LO SIDE 8DIP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC4467BN Description: IC DRIVER MOSF QUAD 1.2A 14-DIP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC4452ZT Description: IC DRIVR MOSF 12A LOSIDE TO220-5	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC4452CT Description: IC DRIVR MOSF 12A LOSIDE TO220-5	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC4451ZT Description: IC DRIVER MOSFET 12A HS TO220-5	Manufacturers: Micrel / Microchip Technology	RFQ

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