

MIC4452BM





Part Number: [MIC4452BM](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC DRIVER MOSF 12A LO SIDE 8SOIC

Data sheet:  [MIC4451, MIC4452](#)

RoHs Status: Contains lead / RoHS non-compliant

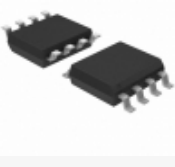
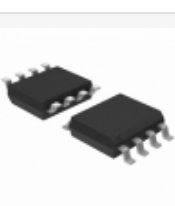
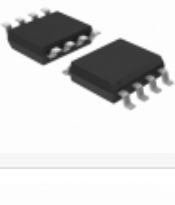
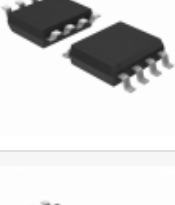
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PRODUCT PARAMETER			
Part Number	MIC4452BM	Manufacturer	Micrel / Microchip Technology
Description	IC DRIVER MOSF 12A LO SIDE 8SOIC	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	63019 pcs	Data sheet	MIC4451, MIC4452
Category	Integrated Circuits (ICs)	Voltage - Supply	4.5 V ~ 18 V
Supplier Device Package	8-SOIC	Series	-
Rise / Fall Time (Typ)	20ns, 24ns	Packaging	Tube
Package / Case	8-SOIC (0.154", 3.90mm Width)	Operating Temperature	-40°C ~ 85°C (TA)
Number of Drivers	1	Mounting Type	Surface Mount
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-SOIC	Current - Peak Output (Source, Sink)	12A, 12A
Channel Type	Single	Base Part Number	MIC4452
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	Part#: MIC4467BN Description: IC DRIVER MOSF QUAD 1.2A 14-DIP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC4452BN Description: IC DRIVER MOSF 12A LO SIDE 8DIP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: MIC4452BM-TR Description: IC DRIVER MOSF 12A LO SIDE 8SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: MIC4452VM-TR Description: IC DRIVER MOSFET 12A HIGH SPEED	Manufacturers: Micrel / Microchip Technology	RFQ
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