

MIC4451ABN



Part Number: [MIC4451ABN](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC DRIVER MOSFET 12A HS 8-DIP

Data sheet:

RoHs Status: Contains lead / RoHS non-compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

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PRODUCT PARAMETER			
Part Number	MIC4451ABN	Manufacturer	Micrel / Microchip Technology
Description	IC DRIVER MOSFET 12A HS 8-DIP	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	42287 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	Inverting
Gate Type	IGBT, N-Channel MOSFET	Driven Configuration	Low-Side
Detailed Description	Low-Side Gate Driver IC Inverting 8-PDIP	Current - Peak Output (Source, Sink)	12A, 12A
Channel Type	Single	Base Part Number	MIC4451
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	Part#: MIC4451ABM-TR Description: IC DRIVER MOSFET 12A HS 8-SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC4451YN Description: IC DRIVER MOSF 12A LO SIDE 8DIP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC4451BM-TR Description: IC DRIVER MOSFET 12A HS 8-SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: MIC4452ABM Description: IC DRIVER MOSFET 12A HS 8-SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC4429ZM-TR Description: IC DRIVER MOSFET 6A LS 8-SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC4429YN Description: IC DRIVER MOSFET 6A LS 8-DIP	Manufacturers: Micrel / Microchip Technology	RFQ

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