

MIC4451YM-TR





Part Number: [MIC4451YM-TR](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC DRIVER MOSFET 12A HS 8-SOIC

Data sheet:  [MIC4451, MIC4452](#)

RoHS Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

Images are for reference only.
See Product Specifications for product details.
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Request For Quotation

PRODUCT PARAMETER			
Part Number	MIC4451YM-TR	Manufacturer	Micrel / Microchip Technology
Description	IC DRIVER MOSFET 12A HS 8-SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	63623 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	Tape & Reel (TR)
Package / Case	8-SOIC (0.154", 3.90mm Width)	Other Names	MIC4451YM TR MIC4451YM TR-ND MIC4451YMTR MIC4451YMTR-ND
Operating Temperature	-40°C ~ 85°C (TA)	Number of Drivers	1
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	7 Weeks	Logic Voltage - VIL, VIH	0.8V, 2.4V
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Input Type	Inverting
Gate Type	IGBT, N-Channel MOSFET	Driven Configuration	Low-Side
Detailed Description	Low-Side Gate Driver IC Inverting 8-SOIC	Current - Peak Output (Source, Sink)	12A, 12A
Channel Type	Single	Base Part Number	MIC4451
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RELATED PRODUCTS			
	Part#: MIC4452ABN Description: IC DRIVER MOSFET 12A HS 8-DIP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC4452CT Description: IC DRIVR MOSF 12A LOSIDE TO220-5	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC4452BN Description: IC DRIVER MOSF 12A LO SIDE 8DIP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC4451YM Description: IC DRIVER MOSF 12A LO SIDE 8SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC4451ABM Description: IC DRIVER MOSFET 12A HS 8-SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: MIC4451BN Description: IC DRIVER MOSF 12A LO SIDE 8DIP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC4451ZT Description: IC DRIVER MOSFET 12A HS TO220-5	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC4452ABM-TR Description: IC DRIVER MOSFET 12A HS 8-SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC4451CT Description: IC DRIVER MOSFET 12A HS TO-220-5	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: MIC4451BM-TR Description: IC DRIVER MOSFET 12A HS 8-SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC4451ABN Description: IC DRIVER MOSFET 12A HS 8-DIP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC4452BM-TR Description: IC DRIVER MOSF 12A LO SIDE 8SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC4451ABM-TR Description: IC DRIVER MOSFET 12A HS 8-SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC4452BM Description: IC DRIVER MOSF 12A LO SIDE 8SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC4451BM 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

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