




Micrel / Microchip Technology

**MIC4451ABM-TR**

Part Number:	MIC4451ABM-TR
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	IC DRIVER MOSFET 12A HS 8-SOIC
Datasheets:	
RoHS Status:	 Contains lead / RoHS non-compliant
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

[REQUEST FOR QUOTATION](#)

Image may be representation. See specifications for product details.













**Specifications of MIC4451ABM-TR**

PART NUMBER	MIC4451ABM-TR
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC DRIVER MOSFET 12A HS 8-SOIC
LEAD FREE STATUS / ROHS STATUS	Contains lead / RoHS non-compliant
DATA SHEET	
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	MIC4451ABM TR MIC4451ABM TR-ND MIC4451ABMTR MIC4451ABMTR-ND
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	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**

 <p><b>MIC4429YN</b> Manufacturers: Micrel / Microchip Technology Description: IC DRIVER MOSFET 6A LS 8-DIP In stock: 312 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>MIC4429ZM</b> Manufacturers: Micrel / Microchip Technology Description: IC DRIVER MOSFET 6A LS 8-SOIC In stock: Out stock</p> <p><a href="#">RFQ</a></p>
 <p><b>MIC4451ABM</b> Manufacturers: Micrel / Microchip Technology Description: IC DRIVER MOSFET 12A HS 8-SOIC In stock: Out stock</p> <p><a href="#">RFQ</a></p>	 <p><b>MIC4451YM</b> Manufacturers: Micrel / Microchip Technology Description: IC DRIVER MOSF 12A LO SIDE 8SOIC In stock: 940 pcs</p> <p><a href="#">RFQ</a></p>
 <p><b>MIC4429ZN</b> Manufacturers: Micrel / Microchip Technology Description: IC DRIVER MOSFET 6A LO SIDE 8DIP In stock: 36 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>MIC4451BM</b> Manufacturers: Micrel / Microchip Technology Description: IC DRIVER MOSF 12A LO SIDE 8SOIC In stock: Out stock</p> <p><a href="#">RFQ</a></p>
 <p><b>MIC4451CT</b> Manufacturers: Micrel / Microchip Technology Description: IC DRIVER MOSFET 12A HS TO-220-5 In stock: Out stock</p> <p><a href="#">RFQ</a></p>	 <p><b>MIC4451BM-TR</b> Manufacturers: Micrel / Microchip Technology Description: IC DRIVER MOSFET 12A HS 8-SOIC In stock: Out stock</p> <p><a href="#">RFQ</a></p>
 <p><b>MIC4429ZT</b> Manufacturers: Micrel / Microchip Technology Description: IC MOSFET DVR 6A LO SIDE TO220-5 In stock: Out stock</p> <p><a href="#">RFQ</a></p>	 <p><b>MIC4429ZM-TR</b> Manufacturers: Micrel / Microchip Technology Description: IC DRIVER MOSFET 6A LS 8-SOIC In stock: Out stock</p> <p><a href="#">RFQ</a></p>
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