




Micrel / Microchip Technology

MIC4451YM

Part Number:	MIC4451YM
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	IC DRIVER MOSF 12A LO SIDE 8SOIC
Datasheets:	MIC4451YM.pdf
RoHS Status:	 Lead free / RoHS Compliant
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.


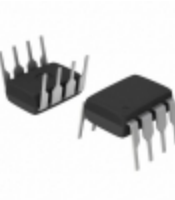



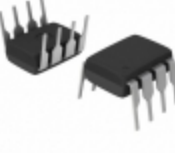
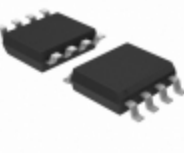
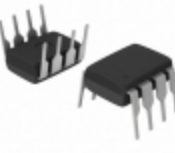
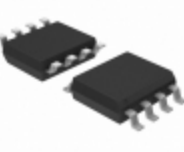

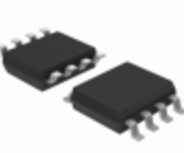
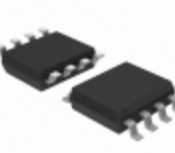
Specifications of MIC4451YM

PART NUMBER	MIC4451YM
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC DRIVER MOSF 12A LO SIDE 8SOIC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	MIC4451YM.pdf
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)
OTHER NAMES	576-1208
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	6 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

 <p>MIC4451CT Manufacturers: Micrel / Microchip Technology Description: IC DRIVER MOSFET 12A HS TO-220-5 In stock: Out stock RFQ</p>	 <p>MIC4452ABN Manufacturers: Micrel / Microchip Technology Description: IC DRIVER MOSFET 12A HS 8-DIP In stock: Out stock RFQ</p>
 <p>MIC4451ABM-TR Manufacturers: Micrel / Microchip Technology Description: IC DRIVER MOSFET 12A HS 8-SOIC In stock: Out stock RFQ</p>	 <p>MIC4451ZT Manufacturers: Micrel / Microchip Technology Description: IC DRIVER MOSFET 12A HS TO220-5 In stock: 742 pcs RFQ</p>
 <p>MIC4452ABM Manufacturers: Micrel / Microchip Technology Description: IC DRIVER MOSFET 12A HS 8-SOIC In stock: Out stock RFQ</p>	 <p>MIC4451ABN Manufacturers: Micrel / Microchip Technology Description: IC DRIVER MOSFET 12A HS 8-DIP In stock: Out stock RFQ</p>
 <p>MIC4451YM-TR Manufacturers: Micrel / Microchip Technology Description: IC DRIVER MOSFET 12A HS 8-SOIC In stock: Out stock RFQ</p>	 <p>MIC4451YN Manufacturers: Micrel / Microchip Technology Description: IC DRIVER MOSF 12A LO SIDE 8DIP In stock: 203 pcs RFQ</p>
 <p>MIC4451BM-TR Manufacturers: Micrel / Microchip Technology Description: IC DRIVER MOSFET 12A HS 8-SOIC In stock: Out stock RFQ</p>	 <p>MIC4451BN Manufacturers: Micrel / Microchip Technology Description: IC DRIVER MOSF 12A LO SIDE 8DIP In stock: Out stock RFQ</p>
 <p>MIC4451BM Manufacturers: Micrel / Microchip Technology Description: IC DRIVER MOSF 12A LO SIDE 8SOIC In stock: Out stock RFQ</p>	 <p>MIC4452ABM-TR Manufacturers: Micrel / Microchip Technology Description: IC DRIVER MOSFET 12A HS 8-SOIC In stock: Out stock RFQ</p>