

MIC4100YM





Part Number: [MIC4100YM](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC DRIVER MOSFET 100V CMOS 8SOIC

Data sheet:  [MIC4100, MIC4101](#)

RoHs Status: Lead free / RoHS Compliant

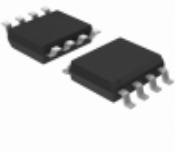
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PRODUCT PARAMETER			
Part Number	MIC4100YM	Manufacturer	Micrel / Microchip Technology
Description	IC DRIVER MOSFET 100V CMOS 8SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	68915 pcs	Data sheet	MIC4100, MIC4101
Category	Integrated Circuits (ICs)	Voltage - Supply	9 V ~ 16 V
Supplier Device Package	8-SOIC	Series	-
Rise / Fall Time (Typ)	400ns, 400ns	Packaging	Tube
Package / Case	8-SOIC (0.154", 3.90mm Width)	Other Names	576-1183
Operating Temperature	-40°C ~ 125°C (TJ)	Number of Drivers	2
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	11 Weeks	Logic Voltage - VIL, VIH	3V, 8V
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Input Type	Non-Inverting
High Side Voltage - Max (Bootstrap)	118V	Gate Type	N-Channel MOSFET
Driven Configuration	Half-Bridge	Detailed Description	Half-Bridge Gate Driver IC Non-Inverting 8-SOIC
Current - Peak Output (Source, Sink)	2A, 2A	Channel Type	Independent
Base Part Number	MIC4100		
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	Part#: MIC4102YM-TR Description: IC DRIVER MOSFET 100V 8-SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: MIC3975-5.0YMM Description: IC REG LINEAR 5V 750MA 8MSOP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: MIC4100YM-TR Description: IC DRIVER MOSFET 100V CMOS 8SOIC	Manufacturers: Micrel / Microchip Technology	RFQ

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