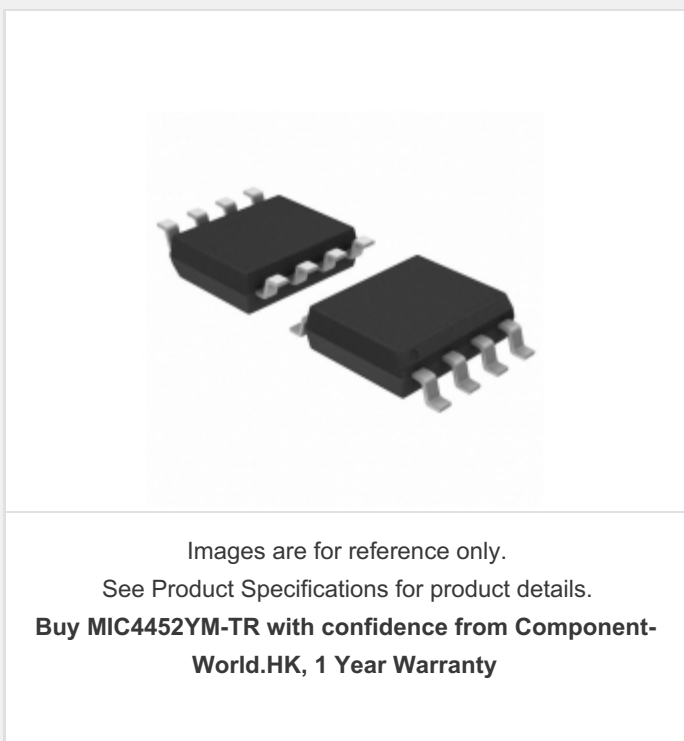


**MIC4452YM-TR**



**Part Number:** [MIC4452YM-TR](#)  
**Manufacturer:** [Micrel / Microchip Technology](#)  
**Description:** IC DRIVER MOSF 12A LO SIDE 8SOIC  
**Data sheet:** [MIC4451, MIC4452](#)

**RoHS Status:** Lead free / RoHS Compliant  
**Ship From:** Hong Kong  
**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

[Request For Quotation](#)

PRODUCT PARAMETER			
Part Number	MIC4452YM-TR	Manufacturer	<a href="#">Micrel / Microchip Technology</a>
Description	IC DRIVER MOSF 12A LO SIDE 8SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	65426 pcs	Data sheet	<a href="#">MIC4451, MIC4452</a>
Category	<a href="#">Integrated Circuits (ICs)</a>	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	576-1210-2 MIC4452YM TR MIC4452YMTR
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	Non-Inverting
Gate Type	IGBT, N-Channel MOSFET	Driven Configuration	Low-Side
Detailed Description	Low-Side Gate Driver IC Non-Inverting 8-SOIC	Current - Peak Output (Source, Sink)	12A, 12A
Channel Type	Single	Base Part Number	MIC4452

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	Part#: <a href="#">MIC4452YM</a> Description: IC DRIVER MOSFET 12A HS 8-SOIC	Manufacturers: <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	Part#: <a href="#">MIC4467CWM TR</a> Description: IC DRIVER MOSF QUAD 1.2A 16-SOIC	Manufacturers: <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	Part#: <a href="#">MIC4467YWM-TR</a> Description: IC DRIVER MOSF QUAD 1.2A 16-SOIC	Manufacturers: <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	Part#: <a href="#">MIC4452VM-TR</a> Description: IC DRIVER MOSFET 12A HIGH SPEED	Manufacturers: <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	Part#: <a href="#">MIC4452ABN</a> Description: IC DRIVER MOSFET 12A HS 8-DIP	Manufacturers: <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	Part#: <a href="#">MIC4452ABM</a> Description: IC DRIVER MOSFET 12A HS 8-SOIC	Manufacturers: <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
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	Part#: <a href="#">MIC4452VM</a> Description: IC DRIVER MOSFET 12A HIGH SPEED	Manufacturers: <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
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	Part#: <a href="#">MIC4452ZT</a> Description: IC DRIVR MOSF 12A LOSIDE TO220-5	Manufacturers: <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
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	Part#: <a href="#">MIC4467CWM</a> Description: IC DRIVER MOSF QUAD 1.2A 16-SOIC	Manufacturers: <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	Part#: <a href="#">MIC4467BN</a> Description: IC DRIVER MOSF QUAD 1.2A 14-DIP	Manufacturers: <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
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