

MIC44F18YMME



Part Number: [MIC44F18YMME](#)

Manufacturer [Micrel / Microchip Technology](#)

Description IC MOSFET DRIVER 6A HS 8-MSOP

Data sheet:  [MIC44F18, 19, 20](#)

RoHS Status: Lead free / RoHS Compliant

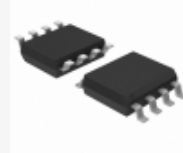
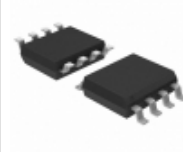
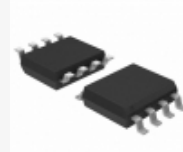
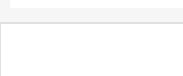
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Request For Quotation

PRODUCT PARAMETER			
Part Number	MIC44F18YMME	Manufacturer	Micrel / Microchip Technology
Description	IC MOSFET DRIVER 6A HS 8-MSOP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	76185 pcs	Data sheet	MIC44F18, 19, 20
Category	Integrated Circuits (ICs)	Voltage - Supply	4.5 V ~ 13.2 V
Supplier Device Package	8-MSOP-EP	Series	-
Rise / Fall Time (Typ)	10ns, 10ns	Packaging	Tube
Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed Pad	Other Names	576-1501
Operating Temperature	-40°C ~ 125°C (TJ)	Number of Drivers	1
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	8 Weeks	Logic Voltage - VIL, VIH	1.607V, 1.615V
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Input Type	Non-Inverting
Gate Type	P-Channel MOSFET	Driven Configuration	Low-Side
Detailed Description	Low-Side Gate Driver IC Non-Inverting 8-MSOP-EP	Current - Peak Output (Source, Sink)	6A, 6A
Channel Type	Single	Base Part Number	MIC44F18
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	Part#: MIC4479YM-TR Description: IC DRIVER MOSF QUAD	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC44F19YMME Description: IC MOSFET DRIVER 6A HS 8-MSOP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: MIC45116-1YMP-T1 Description: IC REG BUCK ADJ 6A SYNC 52QFN	Manufacturers: Micrel / Microchip Technology	RFQ

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