

MIC2196BM





Part Number: [MIC2196BM](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC REG CTRLR BOOST 8SOIC

Data sheet:  [MIC2196](#)

RoHS Status: Contains lead / RoHS non-compliant

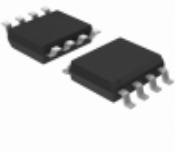
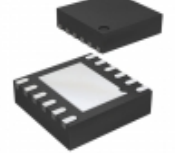
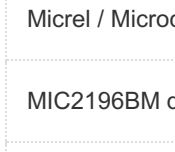
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Shipment Way: DHL/Fedex/TNT/UPS/EMS

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Request For Quotation

PRODUCT PARAMETER			
Part Number	MIC2196BM	Manufacturer	Micrel / Microchip Technology
Description	IC REG CTRLR BOOST 8SOIC	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	30393 pcs	Data sheet	MIC2196
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.9 V ~ 14 V
Topology	Boost	Synchronous Rectifier	No
Supplier Device Package	8-SOIC	Series	-
Serial Interfaces	-	Packaging	Tube
Package / Case	8-SOIC (0.154", 3.90mm Width)	Output Type	Transistor Driver
Output Phases	1	Output Configuration	Positive
Operating Temperature	-40°C ~ 125°C (TJ)	Number of Outputs	1
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Function	Step-Up	Frequency - Switching	400kHz
Duty Cycle (Max)	85%	Detailed Description	Boost Regulator Positive Output Step-Up DC-DC Controller IC 8-SOIC
Control Features	Enable	Clock Sync	No
Base Part Number	MIC2196		
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RELATED PRODUCTS			
	Part#: MIC2193YM-TR Description: IC REG CTRLR BUCK 8SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC2194BM Description: IC REG CTRLR BUCK/BUCK-BST 8SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC2186YQS Description: IC REG CTRLR BOOST 16QSOP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC2198YML-TR Description: IC REG CTRLR BUCK 12MLF	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC2194BM-TR Description: IC REG CTRLR BUCK/BUCK-BST 8SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC2194YM-TR Description: IC REG CTRLR BUCK/BUCK-BST 8SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC2198YML Description: IC REG CTRLR BUCK 12MLF	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC2198BML-TR Description: IC REG CTRLR BUCK 12MLF	Manufacturers: Micrel / Microchip Technology	RFQ
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