

MIC2186YM



Part Number: [MIC2186YM](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC REG CTRLR BOOST 16SOIC

Data sheet:  [MIC2186](#)

RoHs Status: Lead free / RoHS Compliant

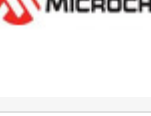
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Request For Quotation

PRODUCT PARAMETER			
Part Number	MIC2186YM	Manufacturer	Micrel / Microchip Technology
Description	IC REG CTRLR BOOST 16SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	40733 pcs	Data sheet	MIC2186
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.9 V ~ 14 V
Topology	Boost	Synchronous Rectifier	No
Supplier Device Package	16-SOIC	Series	-
Serial Interfaces	-	Packaging	Tube
Package / Case	16-SOIC (0.154", 3.90mm Width)	Output Type	Transistor Driver
Output Phases	1	Output Configuration	Positive
Other Names	576-1715-5 MIC2186YM-ND	Operating Temperature	-40°C ~ 85°C (TA)
Number of Outputs	1	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	6 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Function	Step-Up	Frequency - Switching	100kHz, 200kHz, 400kHz
Duty Cycle (Max)	85%	Detailed Description	Boost Regulator Positive Output Step-Up DC-DC Controller IC 16-SOIC
Control Features	Enable, Frequency Control, Soft Start	Clock Sync	Yes
Base Part Number	MIC2186		
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	Part#: MIC2186YQS-TR Description: IC REG CTRLR BOOST 16QSOP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC2185YQS-TR Description: IC REG CTRLR BUCK 16QSOP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC2194BM-TR Description: IC REG CTRLR BUCK/BUCK-BST 8SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: MIC2185YM Description: IC REG CTRLR BUCK 16SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
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