

MIC38C44YM





Part Number: [MIC38C44YM](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC REG CTRLR PWM CM 8SOIC

Data sheet:  [MIC38C42, 43, 44, 45](#)

RoHs Status: Lead free / RoHS Compliant

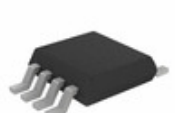
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Request For Quotation

PRODUCT PARAMETER			
Part Number	MIC38C44YM	Manufacturer	Micrel / Microchip Technology
Description	IC REG CTRLR PWM CM 8SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	74161 pcs	Data sheet	MIC38C42, 43, 44, 45
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	9 V ~ 20 V
Voltage - Start Up	14.5V	Voltage - Breakdown	-
Topology	Boost, Buck, Flyback, Forward	Supplier Device Package	8-SOIC
Series	-	Packaging	Tube
Package / Case	8-SOIC (0.154", 3.90mm Width)	Output Isolation	Isolated
Other Names	576-1776-5 MIC38C44YM-ND	Operating Temperature	-40°C ~ 150°C (TJ)
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	10 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Internal Switch(s)	Yes	Frequency - Switching	500kHz
Fault Protection	-	Duty Cycle	50%
Detailed Description	Converter Offline Boost, Buck, Flyback, Forward Topology 500kHz 8-SOIC	Control Features	Frequency Control
Base Part Number	MIC38C44		
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