

MIC38C42-1YM



Part Number: [MIC38C42-1YM](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC REG CTRLR PWM CM 14-SOIC

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

RoHs Status: Lead free / RoHS Compliant

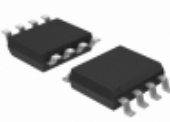
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Request For Quotation

PRODUCT PARAMETER			
Part Number	MIC38C42-1YM	Manufacturer	Micrel / Microchip Technology
Description	IC REG CTRLR PWM CM 14-SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	54252 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	14-SOIC
Series	-	Packaging	Tube
Package / Case	14-SOIC (0.154", 3.90mm Width)	Output Isolation	Isolated
Operating Temperature	-40°C ~ 150°C (TJ)	Mounting Type	Surface Mount
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Internal Switch(s)	Yes	Frequency - Switching	500kHz
Fault Protection	-	Duty Cycle	96%
Detailed Description	Converter Offline Boost, Buck, Flyback, Forward Topology 500kHz 14-SOIC	Control Features	Frequency Control
Base Part Number	MIC38C42		
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	Part#: MIC38C42AYM Description: IC REG CTRLR PWM CM 8SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC38C42AYMM Description: IC REG CTRLR PWM CM 8MSOP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: MIC38C42ABM Description: IC REG CTRLR PWM CM 8SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
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