

MIC38HC42-1YM-TR



Part Number: [MIC38HC42-1YM-TR](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC REG CTRLR PWM CM 14-SOIC

Data sheet:  [MIC38HC42, 43, 44, 45](#)

RoHs Status: Lead free / RoHS Compliant

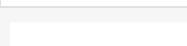
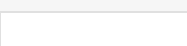
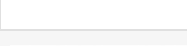
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PRODUCT PARAMETER			
Part Number	MIC38HC42-1YM-TR	Manufacturer	Micrel / Microchip Technology
Description	IC REG CTRLR PWM CM 14-SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	51504 pcs	Data sheet	MIC38HC42, 43, 44, 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	Tape & Reel (TR)
Package / Case	14-SOIC (0.154", 3.90mm Width)	Output Isolation	Isolated
Other Names	MIC38HC42-1YM TR MIC38HC42-1YM TR-ND MIC38HC42-1YMTR MIC38HC42-1YMTR-ND	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	MIC38HC42
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	Part#: MIC38C45YMM-TR Description: IC REG CTRLR MULT TOPOLOGY 8MSOP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC38HC42-1YM Description: IC REG CTRLR PWM CM 14-SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
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