

MIC38HC45-1YM-TR



Part Number: [MIC38HC45-1YM-TR](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC REG CTRLR MULT TOP 14SOIC

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

RoHs Status: Lead free / RoHS Compliant

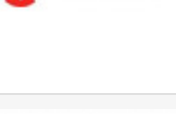
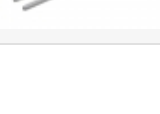
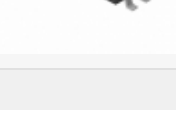
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PRODUCT PARAMETER			
Part Number	MIC38HC45-1YM-TR	Manufacturer	Micrel / Microchip Technology
Description	IC REG CTRLR MULT TOP 14SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	52160 pcs	Data sheet	MIC38HC42, 43, 44, 45
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	7.6 V ~ 20 V
Topology	Buck, Boost, Flyback, Forward Converter	Synchronous Rectifier	Yes
Supplier Device Package	14-SOIC	Series	-
Serial Interfaces	-	Packaging	Tape & Reel (TR)
Package / Case	14-SOIC (0.154", 3.90mm Width)	Output Type	Transistor Driver
Output Phases	1	Output Configuration	Positive, Isolation Capable
Other Names	MIC38HC45-1YM TR MIC38HC45-1YM TR-ND MIC38HC45-1YMTR MIC38HC45-1YMTR-ND	Operating Temperature	-40°C ~ 85°C (TA)
Number of Outputs	1	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	7 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Function	Step-Up, Step-Down, Step-Up/Step-Down	Frequency - Switching	-
Duty Cycle (Max)	50%	Detailed Description	Buck, Boost, Flyback, Forward Converter Regulator Positive, Isolation Capable Output Step-Up, Step-Down, Step-Up/Step-Down DC-DC Controller IC 14-SOIC
Control Features	Frequency Control	Clock Sync	No
Base Part Number	MIC38HC45		
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	Part#: MIC38HC45-1YM Description: IC REG CTRLR MULT TOP 14SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC38HC45YN Description: IC REG CTRLR MULT TOPOLOGY 8DIP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: MIC38HC45-1BM-TR Description: IC REG CTRLR MULT TOP 14SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC38HC44YM-TR Description: IC REG CTRLR PWM CM 8SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: MIC39100-1.65BU Description: IC REG LINEAR 1.65V 1A TO263-3	Manufacturers: Micrel / Microchip Technology	RFQ
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