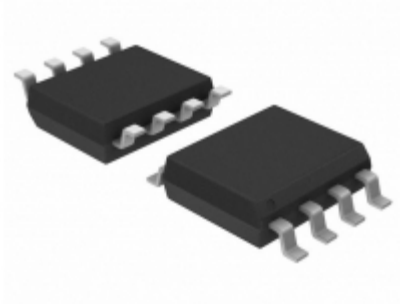


MIC38C45YM





Part Number: [MIC38C45YM](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC REG CTRLR MULT TOPOLOGY 8SOIC

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

RoHS Status: Lead free / RoHS Compliant

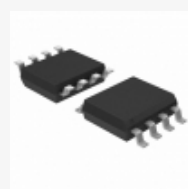
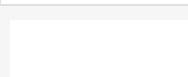
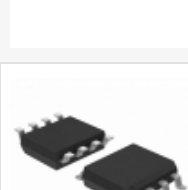
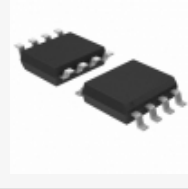
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.
See Product Specifications for product details.
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Request For Quotation

PRODUCT PARAMETER			
Part Number	MIC38C45YM	Manufacturer	Micrel / Microchip Technology
Description	IC REG CTRLR MULT TOPOLOGY 8SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	62293 pcs	Data sheet	MIC38C42, 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	8-SOIC	Series	-
Serial Interfaces	-	Packaging	Tube
Package / Case	8-SOIC (0.154", 3.90mm Width)	Output Type	Transistor Driver
Output Phases	1	Output Configuration	Positive, Isolation Capable
Other Names	576-1777-5 MIC38C45YM-ND	Operating Temperature	-40°C ~ 85°C (TA)
Number of Outputs	1	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	10 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Function	Step-Up, Step-Down, Step-Up/Step-Down	Frequency - Switching	500kHz
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 8-SOIC
Control Features	Frequency Control	Clock Sync	No
Base Part Number	MIC38C45		
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RELATED PRODUCTS			
	Part#: MIC38HC42-1YM Description: IC REG CTRLR PWM CM 14-SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: MIC38C45YN Description: IC REG CTRLR MULT TOPOLOGY 8DIP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC38HC42-1YN Description: IC REG CTRLR PWM CM 14DIP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC38C45ABMM-TR Description: IC REG CTRLR MULT TOPOLOGY 8MSOP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: MIC38C45BMM-TR Description: IC REG CTRLR MULT TOPOLOGY 8MSOP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC38C45BN Description: IC REG CTRLR MULT TOPOLOGY 8DIP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC38C45AYM Description: IC REG CTRLR MULT TOPOLOGY 8SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC38HC42-1BM Description: IC REG CTRLR PWM CM 14-SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC38C45YMM-TR Description: IC REG CTRLR MULT TOPOLOGY 8MSOP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC38HC42-1YM-TR Description: IC REG CTRLR PWM CM 14-SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC38C45AYMM Description: IC REG CTRLR MULT TOPOLOGY 8MSOP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: MIC38HC42-1BM-TR Description: IC REG CTRLR PWM CM 14-SOIC	Manufacturers: Micrel / Microchip Technology	RFQ

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