

MIC38C45-1BN



Part Number: [MIC38C45-1BN](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC REG CTRLR MULT TOPOLOGY 14DIP

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

RoHs Status: Contains lead / RoHS non-compliant

Ship From: Hong Kong

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

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See Product Specifications for product details.
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Request For Quotation

PRODUCT PARAMETER			
Part Number	MIC38C45-1BN	Manufacturer	Micrel / Microchip Technology
Description	IC REG CTRLR MULT TOPOLOGY 14DIP	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	34408 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	14-DIP	Series	-
Serial Interfaces	-	Packaging	Tube
Package / Case	14-DIP (0.300", 7.62mm)	Output Type	Transistor Driver
Output Phases	1	Output Configuration	Positive, Isolation Capable
Operating Temperature	-40°C ~ 85°C (TA)	Number of Outputs	1
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Lead Free Status / RoHS Status	Contains lead / RoHS non-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 14-DIP
Control Features	Frequency Control	Clock Sync	No
Base Part Number	MIC38C45		
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	Part#: MIC38C45ABMM Description: IC REG CTRLR MULT TOPOLOGY 8MSOP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: MIC38C44BN Description: IC REG CTRLR PWM CM 8-DIP	Manufacturers: Micrel / Microchip Technology	RFQ

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