

MIC38HC45BN



Part Number: [MIC38HC45BN](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC REG CTRLR MULT TOPOLOGY 8DIP

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

RoHs Status: Contains lead / RoHS non-compliant

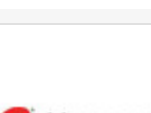
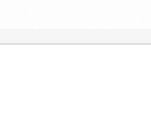
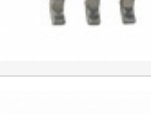
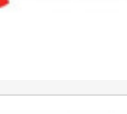
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Request For Quotation

PRODUCT PARAMETER			
Part Number	MIC38HC45BN	Manufacturer	Micrel / Microchip Technology
Description	IC REG CTRLR MULT TOPOLOGY 8DIP	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	39278 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	8-DIP	Series	-
Serial Interfaces	-	Packaging	Tube
Package / Case	8-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	-
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-DIP
Control Features	Frequency Control	Clock Sync	No
Base Part Number	MIC38HC45		
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RELATED PRODUCTS			
	Part#: MIC38HC44YM-TR Description: IC REG CTRLR PWM CM 8SOIC	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#: MIC38HC45-1YM Description: IC REG CTRLR MULT TOP 14SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC38HC45-1YM-TR Description: IC REG CTRLR MULT TOP 14SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: MIC38HC45BM Description: IC REG CTRLR MULT TOPOLOGY 8SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: MIC39100-1.65BU-TR Description: IC REG LINEAR 1.65V 1A TO263-3	Manufacturers: Micrel / Microchip Technology	RFQ

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