

MIC38HC45-1YN



Part Number: [MIC38HC45-1YN](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC REG CTRLR MULT TOPOLOGY 14DIP

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

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

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Request For Quotation

PRODUCT PARAMETER			
Part Number	MIC38HC45-1YN	Manufacturer	Micrel / Microchip Technology
Description	IC REG CTRLR MULT TOPOLOGY 14DIP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	41129 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-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)	Manufacturer Standard Lead Time	6 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-DIP	Control Features	Frequency Control
Clock Sync	No	Base Part Number	MIC38HC45
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	Part#: MIC38HC44YM Description: IC REG CTRLR PWM CM 8SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC38HC45-1BN Description: IC REG CTRLR MULT TOPOLOGY 14DIP	Manufacturers: Micrel / Microchip Technology	RFQ
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