



MIC38C42YN

Part Number: **MIC38C42YN**
 Product Description: IC REG CTRLR PWM CM 8-DIP
 RoHs Status: Lead free / RoHS Compliant
 Datasheets: [MIC38C42YN.pdf](#)

Manufacturer/Brand: Micrel / Microchip Technology
 Ship From: Hong Kong
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

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Image may be representation.
 See specifications for product details.

Product details

Part Number	MIC38C42YN	Manufacturer	Micrel / Microchip Technology
Description	IC REG CTRLR PWM CM 8-DIP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Data sheet	MIC38C42YN.pdf		
Voltage - Supply (Vcc/Vdd)	9 V ~ 20 V	Voltage - Start Up	14.5V
Voltage - Breakdown	-	Topology	Boost, Buck, Flyback, Forward
Supplier Device Package	8-DIP	Series	-
Packaging	Tube	Package / Case	8-DIP (0.300", 7.62mm)
Output Isolation	Isolated	Other Names	576-2289 MIC38C42YN-ND
Operating Temperature	-40°C ~ 150°C (TJ)	Mounting Type	Through Hole
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Manufacturer Standard Lead Time	11 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Internal Switch(s)	Yes
Frequency - Switching	500kHz	Fault Protection	-
Duty Cycle	96%	Detailed Description	Converter Offline Boost, Buck, Flyback, Forward Topology 500kHz 8-DIP
Control Features	Frequency Control	Base Part Number	MIC38C42

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