

MCP16312T-E/MNY



Part Number: [MCP16312T-E/MNY](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC REG BUCK ADJ 1A SYNC 8TDFN

Data sheet:  [Portable Power Conversion Design Guide](#)
 [MCP16311/2 Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

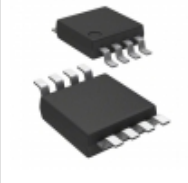
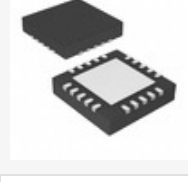
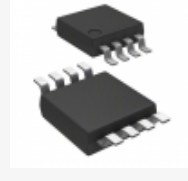
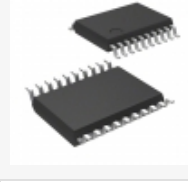
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PRODUCT PARAMETER			
Part Number	MCP16312T-E/MNY	Manufacturer	Micrel / Microchip Technology
Description	IC REG BUCK ADJ 1A SYNC 8TDFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	57223 pcs	Data sheet	Portable Power Conversion Design Guide MCP16311/2 Datasheet
Category	Integrated Circuits (ICs)	Voltage - Output (Min/Fixed)	2V
Voltage - Output (Max)	24V	Voltage - Input (Min)	4.4V
Voltage - Input (Max)	30V	Topology	Buck
Synchronous Rectifier	Yes	Supplier Device Package	8-TDFN (2x3)
Series	-	Packaging	Tape & Reel (TR)
Package / Case	8-WDFN Exposed Pad	Output Type	Adjustable
Output Configuration	Positive	Other Names	MCP16312T-E/MNY-ND MCP16312T-E/MNYTR
Operating Temperature	-40°C ~ 125°C (TJ)	Number of Outputs	1
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	14 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Function	Step-Down	Frequency - Switching	500kHz
Detailed Description	Buck Switching Regulator IC Positive Adjustable 2V 1 Output 1A 8-WDFN Exposed Pad	Current - Output	1A
Base Part Number	MCP16312		
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