

MCP1602T-ADJI/MF



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Part Number: [MCP1602T-ADJI/MF](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC REG BUCK ADJ 0.5A SYNC 8DFN

Data sheet:  [Development Tools Catalog](#)
 [Portable Power Conversion Design Guide](#)
 [MCP1602 Datasheet](#)

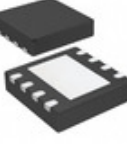
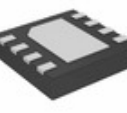
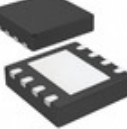
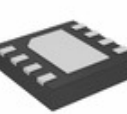
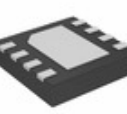
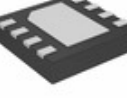
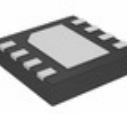
RoHS Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	MCP1602T-ADJI/MF	Manufacturer	Micrel / Microchip Technology
Description	IC REG BUCK ADJ 0.5A SYNC 8DFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	69804 pcs	Data sheet	Development Tools Catalog Portable Power Conversion Design Guide MCP1602 Datasheet
Category	Integrated Circuits (ICs)	Voltage - Output (Min/Fixed)	0.8V
Voltage - Output (Max)	4.5V	Voltage - Input (Min)	2.7V
Voltage - Input (Max)	5.5V	Topology	Buck
Synchronous Rectifier	Yes	Supplier Device Package	8-DFN-EP (3x3)
Series	-	Packaging	Tape & Reel (TR)
Package / Case	8-VDFN Exposed Pad	Output Type	Adjustable
Output Configuration	Positive	Other Names	MCP1602T-ADJI/MFTR
Operating Temperature	-40°C ~ 125°C (TJ)	Number of Outputs	1
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Function	Step-Down
Frequency - Switching	2MHz	Detailed Description	Buck Switching Regulator IC Positive Adjustable 0.8V 1 Output 500mA 8-VDFN Exposed Pad
Current - Output	500mA	Base Part Number	MCP1602
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