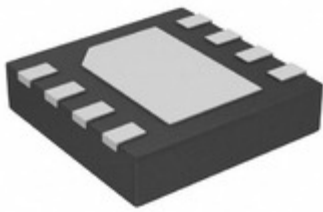


MCP1602T-180I/MF





Part Number: MCP1602T-180I/MF

Manufacturer: Micrel / Microchip Technology

Description: IC REG BUCK 1.8V 0.5A SYNC 8DFN

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

RoHs Status: Lead free / RoHS Compliant

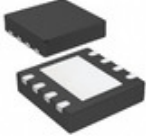
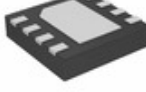
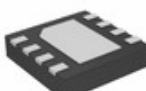
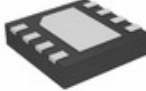
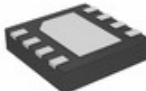
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PRODUCT PARAMETER			
Part Number	MCP1602T-180I/MF	Manufacturer	Micrel / Microchip Technology
Description	IC REG BUCK 1.8V 0.5A SYNC 8DFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	73004 pcs	Data sheet	Development Tools Catalog Portable Power Conversion Design Guide MCP1602 Datasheet
Category	Integrated Circuits (ICs)	Voltage - Output (Min/Fixed)	1.8V
Voltage - Output (Max)	-	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	Fixed
Output Configuration	Positive	Other Names	MCP1602T-180I/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 Fixed 1.8V 1 Output 500mA 8-VDFN Exposed Pad
Current - Output	500mA	Base Part Number	MCP1602
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	Part#: MCP1603-150I/MC Description: IC REG BUCK 1.5V 0.5A SYNC 8DFN	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: MCP1603-120I/MC Description: IC REG BUCK 1.2V 0.5A SYNC 8DFN	Manufacturers: Micrel / Microchip Technology	RFQ
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