

MCP1602-250I/MS



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Part Number: MCP1602-250I/MS

Manufacturer: Micrel / Microchip Technology

Description: IC REG BUCK 2.5V 0.5A SYNC 8MSOP

Data sheet:  Development Tools Catalog
 Portable Power Conversion Design Guide
 MCP1602 Datasheet

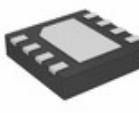
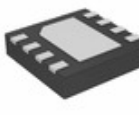
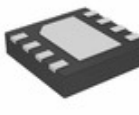
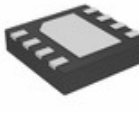
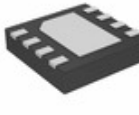
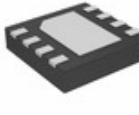
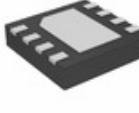
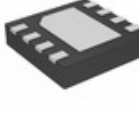
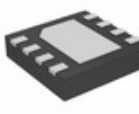
RoHs Status: Lead free / RoHS Compliant

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Request For Quotation

PRODUCT PARAMETER			
Part Number	MCP1602-250I/MS	Manufacturer	Micrel / Microchip Technology
Description	IC REG BUCK 2.5V 0.5A SYNC 8MSOP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	77376 pcs	Data sheet	Development Tools Catalog Portable Power Conversion Design MCP1602 Datasheet
Category	Integrated Circuits (ICs)	Voltage - Output (Min/Fixed)	2.5V
Voltage - Output (Max)	-	Voltage - Input (Min)	2.7V
Voltage - Input (Max)	5.5V	Topology	Buck
Synchronous Rectifier	Yes	Supplier Device Package	8-MSOP
Series	-	Packaging	Tube
Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Output Type	Fixed
Output Configuration	Positive	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 2.5V 1 Output 500mA 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Current - Output	500mA
Base Part Number	MCP1602		
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	Part#: MCP1602-120I/MS Description: IC REG BUCK 1.2V 0.5A SYNC 8MSOP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MCP1601EV Description: BOARD EVALUATION FOR MCP1601	Manufacturers: Micrel / Microchip Technology	RFQ

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