

MCP1602-150I/MS



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Part Number: [MCP1602-150I/MS](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC REG BUCK 1.5V 0.5A SYNC 8MSOP

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

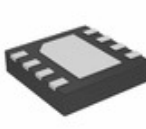
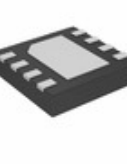
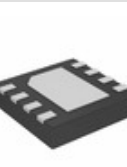
RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	MCP1602-150I/MS	Manufacturer	Micrel / Microchip Technology
Description	IC REG BUCK 1.5V 0.5A SYNC 8MSOP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	76129 pcs	Data sheet	Development Tools Catalog Portable Power Conversion Design Guide MCP1602 Datasheet
Category	Integrated Circuits (ICs)	Voltage - Output (Min/Fixed)	1.5V
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)	Manufacturer Standard Lead Time	12 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Function	Step-Down
Frequency - Switching	2MHz	Detailed Description	Buck Switching Regulator IC Positive Fixed 1.5V 1 Output 500mA 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
Current - Output	500mA	Base Part Number	MCP1602
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