

MCP1700-5002E/TO



Part Number: [MCP1700-5002E/TO](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC REG LINEAR 5V 250MA TO92-3

Data sheet:  [Development Tools Catalog](#)
 [Portable Power Conversion Design Guide](#)
 [MCP1700 Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	MCP1700-5002E/TO	Manufacturer	Micrel / Microchip Technology
Description	IC REG LINEAR 5V 250MA TO92-3	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	237767 pcs	Data sheet	Development Tools Catalog Portable Power Conversion Design Guide MCP1700 Datasheet
Category	Integrated Circuits (ICs)	Voltage Dropout (Max)	0.35V @ 250mA
Voltage - Output (Min/Fixed)	5V	Voltage - Output (Max)	-
Voltage - Input (Max)	6V	Supplier Device Package	TO-92-3
Series	-	Protection Features	Over Current, Over Temperature, Short Circuit
Packaging	Bulk	Package / Case	TO-226-3, TO-92-3 (TO-226AA)
PSRR	44dB (100Hz)	Output Type	Fixed
Output Configuration	Positive	Operating Temperature	-40°C ~ 125°C
Number of Regulators	1	Mounting Type	Through Hole
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Manufacturer Standard Lead Time	10 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Detailed Description	Linear Voltage Regulator IC Positive Fixed 1 Output 5V 250mA TO-92-3
Current - Quiescent (Iq)	4µA	Current - Output	250mA
Control Features	-	Base Part Number	MCP1700
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	Part#: MCP1700-4002E/TO Description: IC REG LINEAR 4V 250MA TO92-3	Manufacturers: Micrel / Microchip Technology	RFQ
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