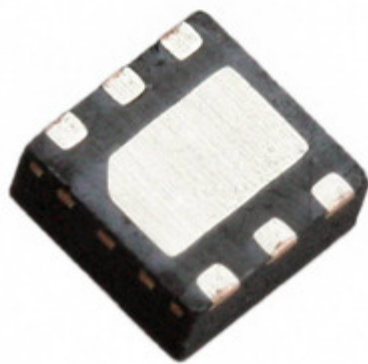


MCP1700T-5002E/MAY





Part Number: MCP1700T-5002E/MAY

Manufacturer: Micrel / Microchip Technology

Description: IC REG LINEAR 5V 250MA 6DFN

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

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.
See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	MCP1700T-5002E/MAY	Manufacturer	Micrel / Microchip Technology
Description	IC REG LINEAR 5V 250MA 6DFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	194862 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	6-DFN (2x2)
Series	-	Protection Features	Over Current, Over Temperature, Short Circuit
Packaging	Tape & Reel (TR)	Package / Case	6-VDFN Exposed Pad
PSRR	44dB (100Hz)	Output Type	Fixed
Output Configuration	Positive	Operating Temperature	-40°C ~ 125°C
Number of Regulators	1	Mounting Type	Surface Mount
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 6-DFN (2x2)
Current - Quiescent (Iq)	4µA	Current - Output	250mA
Control Features	-	Base Part Number	MCP1700
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	Part#: MCP1701-3002I/TO Description: IC REG LINEAR 3V 150MA TO92-3	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MCP1701A-1802I/TO Description: IC REG LINEAR 1.8V 110MA TO92-3	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MCP1700T-3502E/TT Description: IC REG LINEAR 3.5V 250MA SOT23-3	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: MCP1700T-3602E/TT Description: IC REG LINEAR 3.6V 250MA SOT23-3	Manufacturers: Micrel / Microchip Technology	RFQ
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