

MCP1725T-3002E/MC





Part Number: MCP1725T-3002E/MC

Manufacturer: Micrel / Microchip Technology

Description: IC REG LINEAR 3V 500MA 8DFN

Data sheet:  Portable Power Conversion Design Guide
 MCP1725 Datasheet

RoHs Status: Lead free / RoHS Compliant

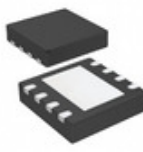
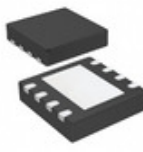
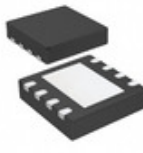
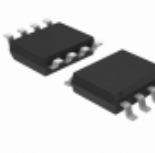
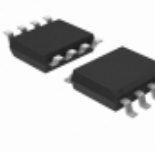
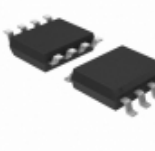
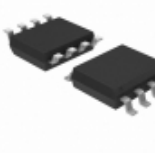
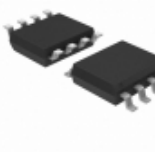
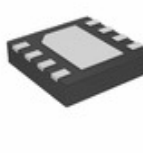
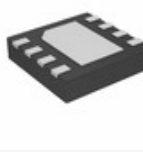
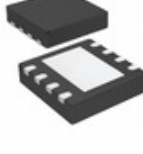
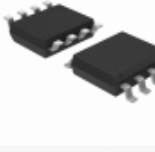
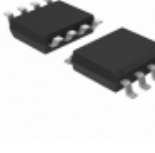
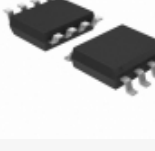
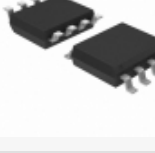
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Request For Quotation

PRODUCT PARAMETER			
Part Number	MCP1725T-3002E/MC	Manufacturer	Micrel / Microchip Technology
Description	IC REG LINEAR 3V 500MA 8DFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	150875 pcs	Data sheet	Portable Power Conversion Design Guide MCP1725 Datasheet
Category	Integrated Circuits (ICs)	Voltage Dropout (Max)	0.35V @ 500mA
Voltage - Output (Min/Fixed)	3V	Voltage - Output (Max)	-
Voltage - Input (Max)	6V	Supplier Device Package	8-DFN (2x3)
Series	-	Protection Features	Over Temperature, Short Circuit, Under Voltage Lockout (UVLO)
Packaging	Tape & Reel (TR)	Package / Case	8-VDFDN Exposed Pad
PSRR	60dB (100Hz)	Output Type	Fixed
Output Configuration	Positive	Other Names	MCP1725T-3002E/MC-ND MCP1725T-3002E/MCTR
Operating Temperature	-40°C ~ 125°C	Number of Regulators	1
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	5 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Detailed Description	Linear Voltage Regulator IC Positive Fixed 1 Output 3V 500mA 8-DFN (2x3)	Current - Quiescent (Iq)	220µA
Current - Output	500mA	Control Features	Enable, Power Good
Base Part Number	MCP1725		
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	Part#: MCP1725T-2502E/MC Description: IC REG LINEAR 2.5V 500MA 8DFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MCP1725T-ADJE/SN Description: IC REG LIN POS ADJ 500MA 8SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MCP1725T-3002E/SN Description: IC REG LINEAR 3V 500MA 8SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
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