

MCP1725-5002E/SN





Part Number: MCP1725-5002E/SN

Manufacturer: Micrel / Microchip Technology

Description: IC REG LINEAR 5V 500MA 8SOIC

Data sheet:  Portable Power Conversion Design Guide

 MCP1725 Datasheet

RoHs Status: Lead free / RoHS Compliant

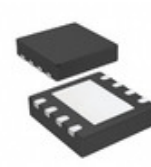
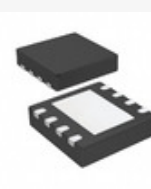
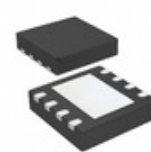
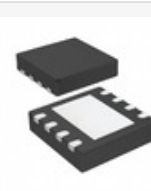
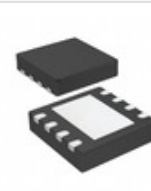
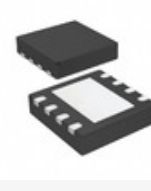
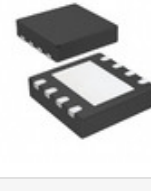
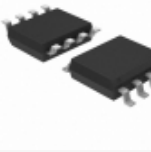
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PRODUCT PARAMETER			
Part Number	MCP1725-5002E/SN	Manufacturer	Micrel / Microchip Technology
Description	IC REG LINEAR 5V 500MA 8SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	134919 pcs	Data sheet	Portable Power Conversion Design Guide MCP1725 Datasheet
Category	Integrated Circuits (ICs)	Voltage Dropout (Max)	0.35V @ 500mA
Voltage - Output (Min/Fixed)	5V	Voltage - Output (Max)	-
Voltage - Input (Max)	6V	Supplier Device Package	8-SOIC
Series	-	Protection Features	Over Temperature, Short Circuit, Under Voltage Lockout (UVLO)
Packaging	Tube	Package / Case	8-SOIC (0.154", 3.90mm Width)
PSRR	60dB (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	9 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Detailed Description	Linear Voltage Regulator IC Positive Fixed 1 Output 5V 500mA 8-SOIC
Current - Quiescent (Iq)	220µA	Current - Output	500mA
Control Features	Enable, Power Good	Base Part Number	MCP1725
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	Part#: MCP1725-3302E/MC Description: IC REG LINEAR 3.3V 500MA 8DFN	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: MCP1725-ADJE/SN Description: IC REG LIN POS ADJ 500MA 8SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MCP1725-2502E/MC Description: IC REG LINEAR 2.5V 500MA 8DFN	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: MCP1725-1802E/SN Description: IC REG LINEAR 1.8V 500MA 8SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
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