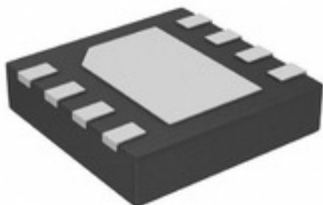


MCP1727-5002E/MF





Part Number: MCP1727-5002E/MF

Manufacturer: Micrel / Microchip Technology

Description: IC REG LINEAR 5V 1.5A 8DFN

Data sheet:  MCP1727 Product Brief
 Portable Power Conversion Design Guide
 MCP1727 Datasheet

RoHs Status: Lead free / RoHS Compliant

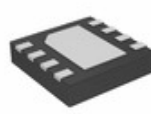
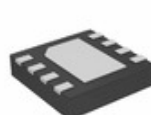
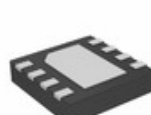
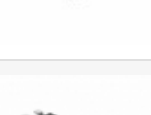
Ship From: Hong Kong

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PRODUCT PARAMETER			
Part Number	MCP1727-5002E/MF	Manufacturer	Micrel / Microchip Technology
Description	IC REG LINEAR 5V 1.5A 8DFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	105876 pcs	Data sheet	MCP1727 Product Brief Portable Power Conversion Design Guide MCP1727 Datasheet
Category	Integrated Circuits (ICs)	Voltage Dropout (Max)	0.55V @ 1.5A
Voltage - Output (Min/Fixed)	5V	Voltage - Output (Max)	-
Voltage - Input (Max)	6V	Supplier Device Package	8-DFN-EP (3x3)
Series	-	Protection Features	Over Temperature, Short Circuit, Under Voltage Lockout (UVLO)
Packaging	Tube	Package / Case	8-VDFN Exposed Pad
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)	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Detailed Description	Linear Voltage Regulator IC Positive Fixed 1 Output 5V 1.5A 8-DFN-EP (3x3)	Current - Quiescent (Iq)	220µA
Current - Output	1.5A	Control Features	Enable, Power Good
Base Part Number	MCP1727		
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RELATED PRODUCTS			
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	Part#: MCP1727T-0802E/MF Description: IC REG LINEAR 0.8V 1.5A 8DFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MCP1727-ADJE/MF Description: IC REG LINEAR POS ADJ 1.5A 8DFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MCP1727-2502E/SN Description: IC REG LINEAR 2.5V 1.5A 8SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
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