

MCP1755ST-5002E/DB



Part Number: MCP1755ST-5002E/DB

Manufacturer: Micrel / Microchip Technology

Description: IC REG LINEAR 5V 300MA SOT223-3

Data sheet:  Portable Power Conversion Design Guide

 MCP1755/S Datasheet

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

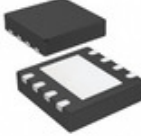
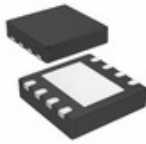
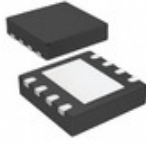
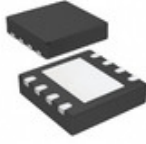
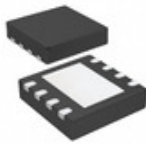
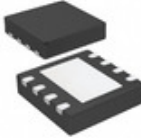
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PRODUCT PARAMETER			
Part Number	MCP1755ST-5002E/DB	Manufacturer	Micrel / Microchip Technology
Description	IC REG LINEAR 5V 300MA SOT223-3	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	114270 pcs	Data sheet	Portable Power Conversion Design Guide MCP1755/S Datasheet
Category	Integrated Circuits (ICs)	Voltage Dropout (Max)	0.5V @ 300mA
Voltage - Output (Min/Fixed)	5V	Voltage - Output (Max)	-
Voltage - Input (Max)	16V	Supplier Device Package	SOT-223-3
Series	-	Protection Features	Over Current, Over Temperature, Short Circuit
Packaging	Cut Tape (CT)	Package / Case	TO-261-4, TO-261AA
PSRR	80dB (1kHz)	Output Type	Fixed
Output Configuration	Positive	Other Names	MCP1755ST-5002E/DBCT
Operating Temperature	-40°C ~ 125°C	Number of Regulators	1
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	13 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Detailed Description	Linear Voltage Regulator IC Positive Fixed 1 Output 5V 300mA SOT-223-3	Current - Supply (Max)	400µA
Current - Quiescent (Iq)	100µA	Current - Output	300mA
Control Features	-	Base Part Number	MCP1755

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	Part#: MCP1755S-1802E/MC Description: IC REG LINEAR 1.8V 300MA 8DFN	Manufacturers: Micrel / Microchip Technology	RFQ
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