

MCP1755S-5002E/DB



Part Number: MCP1755S-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

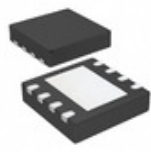
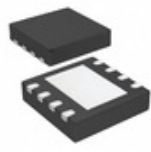
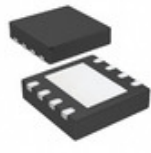
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PRODUCT PARAMETER			
Part Number	MCP1755S-5002E/DB	Manufacturer	Micrel / Microchip Technology
Description	IC REG LINEAR 5V 300MA SOT223-3	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	108948 pcs	Data sheet	Portable Power 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	Tube	Package / Case	TO-261-4, TO-261AA
PSRR	80dB (1kHz)	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	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#: MCP1754T-5002E/MC Description: IC REG LINEAR 5V 150MA 8DFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MCP1755ST-5002E/MC Description: IC REG LINEAR 5V 300MA 8DFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MCP1755S-3302E/DB Description: IC REG LIN 3.3V 300MA SOT223-3	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MCP1755ST-1802E/DB Description: IC REG LIN 1.8V 300MA SOT223-3	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MCP1754T-5002E/OT Description: IC REG LINEAR 5V 150MA SOT23-5	Manufacturers: Micrel / Microchip Technology	RFQ
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