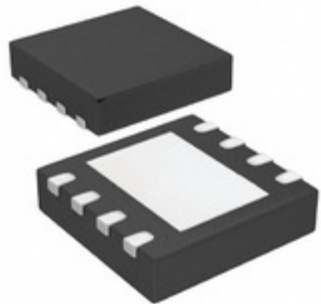


MCP1755ST-1802E/MC





Part Number: MCP1755ST-1802E/MC

Manufacturer: Micrel / Microchip Technology

Description: IC REG LINEAR 1.8V 300mA 8DFN

Data sheet:  [Portable Power Conversion Design Guide](#)
 [MCP1755/S Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

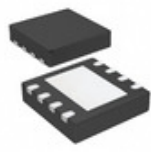
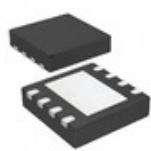
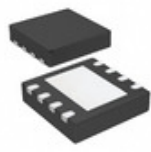
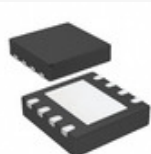
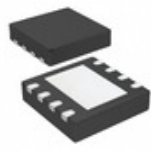
Ship From: Hong Kong

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PRODUCT PARAMETER			
Part Number	MCP1755ST-1802E/MC	Manufacturer	Micrel / Microchip Technology
Description	IC REG LINEAR 1.8V 300mA 8DFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	106643 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)	1.8V	Voltage - Output (Max)	-
Voltage - Input (Max)	16V	Supplier Device Package	8-DFN (2x3)
Series	-	Protection Features	Over Current, Over Temperature, Short Circuit
Packaging	Tape & Reel (TR)	Package / Case	8-VDFN Exposed Pad
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	5 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Detailed Description	Linear Voltage Regulator IC Positive Fixed 1 Output 1.8V 300mA 8-DFN (2x3)
Current - Supply (Max)	400µA	Current - Quiescent (Iq)	100µA
Current - Output	300mA	Control Features	-
Base Part Number	MCP1755		
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	Part#: MCP1755S-5002E/MC Description: IC REG LINEAR 5V 300MA 8DFN	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: MCP1755S-5002E/DB Description: IC REG LINEAR 5V 300MA SOT223-3	Manufacturers: Micrel / Microchip Technology	RFQ
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