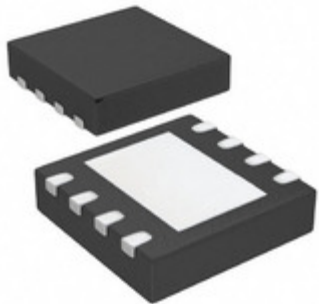


MCP1755T-5002E/MC





Part Number: MCP1755T-5002E/MC

Manufacturer: Micrel / Microchip Technology

Description: IC REG LINEAR 5V 300MA 8DFN

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

RoHs Status: Lead free / RoHS Compliant

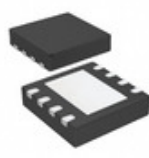
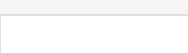
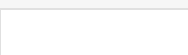
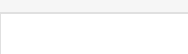
Ship From: Hong Kong

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PRODUCT PARAMETER			
Part Number	MCP1755T-5002E/MC	Manufacturer	Micrel / Microchip Technology
Description	IC REG LINEAR 5V 300MA 8DFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	105336 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	8-DFN (2x3)
Series	-	Protection Features	Over Current, Over Temperature, Short Circuit, Under Voltage Lockout (UVLO)
Packaging	Tape & Reel (TR)	Package / Case	8-VDFDN 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)	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Detailed Description	Linear Voltage Regulator IC Positive Fixed 1 Output 5V 300mA 8-DFN (2x3)	Current - Supply (Max)	400µA
Current - Quiescent (Iq)	100µA	Current - Output	300mA
Control Features	Enable, Power Good	Base Part Number	MCP1755
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	Part#: MCP1790-5002E/DB Description: IC REG LINEAR 5V 70MA SOT223-3	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MCP1755T-5002E/DC Description: IC REG LINEAR 5V 300MA SOT223-5	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: MCP1790-3302E/DB Description: IC REG LINEAR 3.3V 70MA SOT223-3	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MCP1755T-5002E/OT Description: IC REG LINEAR 5V 300MA SOT23-5	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: MCP1755T-3302E/OTVAO Description: IC REG LINEAR 3.3V 300MA SOT23-5	Manufacturers: Micrel / Microchip Technology	RFQ
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