

MCP1725-0802E/SN





Part Number: MCP1725-0802E/SN

Manufacturer: Micrel / Microchip Technology

Description: IC REG LINEAR 0.8V 500MA 8SOIC

Data sheet:  [Portable Power Conversion Design Guide](#)
 [MCP1725 Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

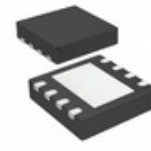
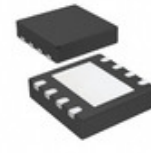
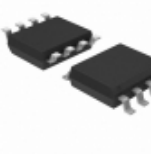
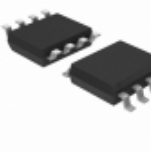
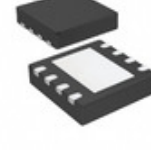
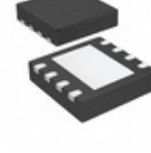
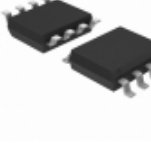
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PRODUCT PARAMETER			
Part Number	MCP1725-0802E/SN	Manufacturer	Micrel / Microchip Technology
Description	IC REG LINEAR 0.8V 500MA 8SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	159106 pcs	Data sheet	Portable Power Conversion Design Guide MCP1725 Datasheet
Category	Integrated Circuits (ICs)	Voltage Dropout (Max)	0.35V @ 500mA
Voltage - Output (Min/Fixed)	0.8V	Voltage - Output (Max)	-
Voltage - Input (Max)	6V	Supplier Device Package	8-SOIC
Series	-	Protection Features	Over Temperature, Short Circuit, Under Voltage Lockout (UVLO)
Packaging	Tube	Package / Case	8-SOIC (0.154", 3.90mm Width)
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 0.8V 500mA 8-SOIC	Current - Quiescent (Iq)	220µA
Current - Output	500mA	Control Features	Enable, Power Good
Base Part Number	MCP1725		
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RELATED PRODUCTS			
	Part#: MCP1711T-50I/5X Description: IC REG LINEAR 5V 150MA 4UQFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MCP1725-0802E/MC Description: IC REG LINEAR 0.8V 500MA 8DFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MCP1725-1802E/MC Description: IC REG LINEAR 1.8V 500MA 8DFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MCP1711T-22I/OT Description: IC REG LINEAR 2.2V 150MA SOT23-5	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MCP1711T-25I/OT Description: IC REG LINEAR 2.5V 150MA SOT23-5	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MCP1711T-30I/OT Description: IC REG LINEAR 3V 150MA SOT23-5	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MCP1725-3302E/SN Description: IC REG LINEAR 3.3V 500MA 8SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MCP1725-2502E/SN Description: IC REG LINEAR 2.5V 500MA 8SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: MCP1725-3002E/MC Description: IC REG LINEAR 3V 500MA 8DFN	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: MCP1725-3002E/SN Description: IC REG LINEAR 3V 500MA 8SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
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