




Micrel / Microchip Technology

MCP1725T-5002E/SN

Part Number:	MCP1725T-5002E/SN
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	IC REG LINEAR 5V 500MA 8SOIC
Datasheets:	1.MCP1725T-5002E/SN.pdf 2.MCP1725T-5002E/SN.pdf
RoHs Status:	 Lead free / RoHS Compliant
Stock Condition:	254561 pcs stock
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

[REQUEST FOR QUOTATION](#)

Image may be representation. See specifications for product details.

Specifications of MCP1725T-5002E/SN

PART NUMBER	MCP1725T-5002E/SN
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC REG LINEAR 5V 500MA 8SOIC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	254561 pcs
DATA SHEET	1.MCP1725T-5002E/SN.pdf 2.MCP1725T-5002E/SN.pdf
VOLTAGE DROPOUT (MAX)	0.35V @ 500mA
VOLTAGE - OUTPUT (MIN/FIXED)	5V
VOLTAGE - OUTPUT (MAX)	-
VOLTAGE - INPUT (MAX)	6V
SUPPLIER DEVICE PACKAGE	8-SOIC
SERIES	-
PROTECTION FEATURES	Over Temperature, Short Circuit, Under Voltage Lockout (UVLO)
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	8-SOIC (0.154", 3.90mm Width)
PSRR	60dB (100Hz)
OUTPUT TYPE	Fixed
OUTPUT CONFIGURATION	Positive
OTHER NAMES	MCP1725T-5002E/SNTR
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 500mA 8-SOIC
CURRENT - QUIESCENT (IQ)	220µA
CURRENT - OUTPUT	500mA
CONTROL FEATURES	Enable, Power Good
BASE PART NUMBER	MCP1725

Related Tags

Micrel / Microchip Technology MCP1725T-5002E/SN	MCP1725T-5002E/SN Distributor	MCP1725T-5002E/SN Supplier
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Related Products

 <p>MCP1725T-3002E/SN Manufacturers: Micrel / Microchip Technology Description: IC REG LINEAR 3V 500MA 8SOIC In stock: 210127 pcs</p> <p>RFQ</p>	 <p>MCP1725T-ADJE/SN Manufacturers: Micrel / Microchip Technology Description: IC REG LIN POS ADJ 500MA 8SOIC In stock: 246784 pcs</p> <p>RFQ</p>
 <p>MCP1725T-3002E/MC Manufacturers: Micrel / Microchip Technology Description: IC REG LINEAR 3V 500MA 8DFN In stock: 209393 pcs</p> <p>RFQ</p>	 <p>MCP1726-1202E/SN Manufacturers: Micrel / Microchip Technology Description: IC REG LINEAR 1.2V 1A 8SOIC In stock: 132976 pcs</p> <p>RFQ</p>
 <p>MCP1726-0802E/SN Manufacturers: Micrel / Microchip Technology Description: IC REG LINEAR 0.8V 1A 8SOIC In stock: 130161 pcs</p> <p>RFQ</p>	 <p>MCP1726-0802E/MF Manufacturers: Micrel / Microchip Technology Description: IC REG LINEAR 0.8V 1A 8DFN In stock: 150313 pcs</p> <p>RFQ</p>
 <p>MCP1725T-ADJE/MC Manufacturers: Micrel / Microchip Technology Description: IC REG LINEAR POS ADJ 500MA 8DFN In stock: 223794 pcs</p> <p>RFQ</p>	 <p>MCP1725T-3302E/SN Manufacturers: Micrel / Microchip Technology Description: IC REG LINEAR 3.3V 500MA 8SOIC In stock: 221902 pcs</p> <p>RFQ</p>
 <p>MCP1725T-3302E/MC Manufacturers: Micrel / Microchip Technology Description: IC REG LINEAR 3.3V 500MA 8DFN In stock: 201060 pcs</p> <p>RFQ</p>	 <p>MCP1725T-5002E/MC Manufacturers: Micrel / Microchip Technology Description: IC REG LINEAR 5V 500MA 8DFN In stock: 262925 pcs</p> <p>RFQ</p>
 <p>MCP1725T-2502E/SN Manufacturers: Micrel / Microchip Technology Description: IC REG LINEAR 2.5V 500MA 8SOIC In stock: 227575 pcs</p> <p>RFQ</p>	 <p>MCP1726-1202E/MF Manufacturers: Micrel / Microchip Technology Description: IC REG LINEAR 1.2V 1A 8DFN In stock: 139009 pcs</p> <p>RFQ</p>