




Micrel / Microchip Technology

## MCP1727T-5002E/MF

Part Number:	MCP1727T-5002E/MF
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	IC REG LINEAR 5V 1.5A 8DFN
Datasheets:	<a href="#">1.MCP1727T-5002E/MF.pdf</a> <a href="#">2.MCP1727T-5002E/MF.pdf</a> <a href="#">3.MCP1727T-5002E/MF.pdf</a>
RoHS Status:	 Lead free / RoHS Compliant
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.


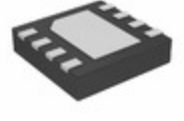

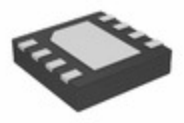
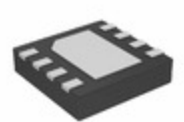
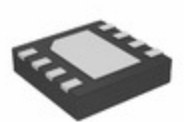






### Specifications of MCP1727T-5002E/MF

PART NUMBER	MCP1727T-5002E/MF
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC REG LINEAR 5V 1.5A 8DFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	<a href="#">1.MCP1727T-5002E/MF.pdf</a> <a href="#">2.MCP1727T-5002E/MF.pdf</a> <a href="#">3.MCP1727T-5002E/MF.pdf</a>
VOLTAGE DROPOUT (MAX)	0.55V @ 1.5A
VOLTAGE - OUTPUT (MIN/FIXED)	5V
VOLTAGE - OUTPUT (MAX)	-
VOLTAGE - INPUT (MAX)	6V
SUPPLIER DEVICE PACKAGE	8-DFN-EP (3x3)
SERIES	-
PROTECTION FEATURES	Over Temperature, Short Circuit, Under Voltage Lockout (UVLO)
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	8-VDFN Exposed Pad
PSRR	60dB (100Hz)
OUTPUT TYPE	Fixed
OUTPUT CONFIGURATION	Positive
OTHER NAMES	MCP1727T-5002E/MF-ND MCP1727T-5002E/MFTR
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 1.5A 8-DFN-EP (3x3)
CURRENT - QUIESCENT (IQ)	220µA
CURRENT - OUTPUT	1.5A
CONTROL FEATURES	Enable, Power Good
BASE PART NUMBER	MCP1727

### Related Tags

Micrel / Microchip Technology MCP1727T-5002E/MF	MCP1727T-5002E/MF Distributor	MCP1727T-5002E/MF Supplier
MCP1727T-5002E/MF Price	MCP1727T-5002E/MF Pictures	MCP1727T-5002E/MF Image
MCP1727T-5002E/MF PDF Datasheet	MCP1727T-5002E/MF Download Datasheet	MCP1727T-5002E/MF Datasheet
MCP1727T-5002E/MF Stock	Buy MCP1727T-5002E/MF	Buy Micrel / Microchip Technology MCP1727T-5002E/MF
Micrel / Microchip Technology MCP1727T-5002E/MF	Micrel / Microchip Technology Supplier	Micrel / Microchip Technology Distributor
Micrel / Microchip Technology MCP1727T-5002E/MF	Microchip Technology MCP1727T-5002E/MF	Roving Networks / Microchip Technology MCP1727T-5002E/MF

### Related Products

 <p><b>MCP1754ST-1802E/DB</b> Manufacturers: Microchip Technology Description: IC REG LDO 1.8V 0.15A SOT223-3 In stock: Out stock</p> <p><a href="#">RFQ</a></p>	 <p><b>MCP1727T-2502E/MF</b> Manufacturers: Micrel / Microchip Technology Description: IC REG LINEAR 2.5V 1.5A 8DFN In stock: Out stock</p> <p><a href="#">RFQ</a></p>
 <p><b>MCP1727T-2502E/SN</b> Manufacturers: Micrel / Microchip Technology Description: IC REG LINEAR 2.5V 1.5A 8SOIC In stock: Out stock</p> <p><a href="#">RFQ</a></p>	 <p><b>MCP1727T-3002E/MF</b> Manufacturers: Micrel / Microchip Technology Description: IC REG LINEAR 3V 1.5A 8DFN In stock: Out stock</p> <p><a href="#">RFQ</a></p>
 <p><b>MCP1727T-ADJE/MF</b> Manufacturers: Micrel / Microchip Technology Description: IC REG LINEAR POS ADJ 1.5A 8DFN In stock: Out stock</p> <p><a href="#">RFQ</a></p>	 <p><b>MCP1727T-3302E/MF</b> Manufacturers: Micrel / Microchip Technology Description: IC REG LINEAR 3.3V 1.5A 8DFN In stock: Out stock</p> <p><a href="#">RFQ</a></p>
 <p><b>MCP1727T-5002E/SN</b> Manufacturers: Micrel / Microchip Technology Description: IC REG LINEAR 5V 1.5A 8SOIC In stock: Out stock</p> <p><a href="#">RFQ</a></p>	 <p><b>MCP1754ST-1802E/MB</b> Manufacturers: Micrel / Microchip Technology Description: IC REG LINEAR 1.8V 150MA SOT89-3 In stock: Out stock</p> <p><a href="#">RFQ</a></p>
 <p><b>MCP1754ST-1802E/CB</b> Manufacturers: Micrel / Microchip Technology Description: IC REG LIN 1.8V 150MA SOT23A-3 In stock: Out stock</p> <p><a href="#">RFQ</a></p>	 <p><b>MCP1727T-ADJE/SN</b> Manufacturers: Micrel / Microchip Technology Description: IC REG LINEAR POS ADJ 1.5A 8SOIC In stock: Out stock</p> <p><a href="#">RFQ</a></p>
 <p><b>MCP1727T-3002E/SN</b> Manufacturers: Micrel / Microchip Technology Description: IC REG LINEAR 3V 1.5A 8SOIC In stock: Out stock</p> <p><a href="#">RFQ</a></p>	 <p><b>MCP1727T-3302E/SN</b> Manufacturers: Micrel / Microchip Technology Description: IC REG LINEAR 3.3V 1.5A 8SOIC In stock: Out stock</p> <p><a href="#">RFQ</a></p>