




Micrel / Microchip Technology

MCP1727T-3002E/MF

Part Number:	MCP1727T-3002E/MF
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	IC REG LINEAR 3V 1.5A 8DFN
Datasheets:	1.MCP1727T-3002E/MF.pdf 2.MCP1727T-3002E/MF.pdf 3.MCP1727T-3002E/MF.pdf
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-3002E/MF

PART NUMBER	MCP1727T-3002E/MF
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC REG LINEAR 3V 1.5A 8DFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.MCP1727T-3002E/MF.pdf 2.MCP1727T-3002E/MF.pdf 3.MCP1727T-3002E/MF.pdf
VOLTAGE DROPOUT (MAX)	0.55V @ 1.5A
VOLTAGE - OUTPUT (MIN/FIXED)	3V
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-3002E/MF-ND MCP1727T-3002E/MFTR
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 3V 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-3002E/MF	MCP1727T-3002E/MF Distributor	MCP1727T-3002E/MF Supplier
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Related Products

 <p>MCP1727T-1202E/MF Manufacturers: Micrel / Microchip Technology Description: IC REG LINEAR 1.2V 1.5A 8DFN In stock: Out stock RFQ</p>	 <p>MCP1727T-3302E/SN Manufacturers: Micrel / Microchip Technology Description: IC REG LINEAR 3.3V 1.5A 8SOIC In stock: Out stock RFQ</p>
 <p>MCP1727T-3002E/SN Manufacturers: Micrel / Microchip Technology Description: IC REG LINEAR 3V 1.5A 8SOIC In stock: Out stock RFQ</p>	 <p>MCP1727T-1802E/SN Manufacturers: Micrel / Microchip Technology Description: IC REG LINEAR 1.8V 1.5A 8SOIC In stock: Out stock RFQ</p>
 <p>MCP1727T-2502E/MF Manufacturers: Micrel / Microchip Technology Description: IC REG LINEAR 2.5V 1.5A 8DFN In stock: Out stock RFQ</p>	 <p>MCP1727T-ADJE/MF Manufacturers: Micrel / Microchip Technology Description: IC REG LINEAR POS ADJ 1.5A 8DFN In stock: Out stock RFQ</p>
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