

MICROCHIP

Micrel / Microchip Technology



MCP1827ST-5002E/EB

Part Number:	MCP1827ST-5002E/EB
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC REG LINEAR 5V 1.5A 3DDPAK
Datasheets:	 MCP1827ST-5002E/EB.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	102651 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 MCP1827ST-5002E/EB

PART NUMBER	MCP1827ST-5002E/EB
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC REG LINEAR 5V 1.5A 3DDPAK
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	102651 pcs
DATA SHEET	 MCP1827ST-5002E/EB.pdf
VOLTAGE DROPOUT (MAX)	0.6V @ 1.5A
VOLTAGE - OUTPUT (MIN/FIXED)	5V
VOLTAGE - OUTPUT (MAX)	-
VOLTAGE - INPUT (MAX)	6V
SUPPLIER DEVICE PACKAGE	3-DDPAK
SERIES	-
PROTECTION FEATURES	Over Temperature, Short Circuit, Under Voltage Lockout (UVLO)
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	TO-263-4, D ² Pak (3 Leads + Tab), TO-263AA
PSRR	60dB (100Hz)
OUTPUT TYPE	Fixed
OUTPUT CONFIGURATION	Positive
OTHER NAMES	MCP1827ST-5002E/EB-ND MCP1827ST-5002E/EBTR
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 3-DDPAK
CURRENT - QUIESCENT (IQ)	220μA
CURRENT - OUTPUT	1.5A
CONTROL FEATURES	-
BASE PART NUMBER	MCP1827S

Related Tags

Micrel / Microchip Technology MCP1827ST-5002E/EB	MCP1827ST-5002E/EB Distributor	MCP1827ST-5002E/EB Supplier
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Related Products

MICROCHIP MCP1827ST-0802E/EB Manufacturers: Micrel / Microchip Technology Description: IC REG LINEAR 0.8V 1.5A 3DDPAK In stock: 121849 pcs RFQ	 MCP1827T-0802E/ET Manufacturers: Micrel / Microchip Technology Description: IC REG LINEAR 0.8V 1.5A 5DDPAK In stock: 116932 pcs RFQ
 MCP1827T-3302E/ET Manufacturers: Micrel / Microchip Technology Description: IC REG LINEAR 3.3V 1.5A 5DDPAK In stock: 119658 pcs RFQ	 MCP1827T-2502E/ET Manufacturers: Micrel / Microchip Technology Description: IC REG LINEAR 2.5V 1.5A 5DDPAK In stock: 121386 pcs RFQ
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