

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

MCP1827ST-2502E/EB

Part Number:	MCP1827ST-2502E/EB
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC REG LINEAR 2.5V 1.5A 3DDPAK
Datasheets:	 MCP1827ST-2502E/EB.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	121338 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of MCP1827ST-2502E/EB

PART NUMBER	MCP1827ST-2502E/EB
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC REG LINEAR 2.5V 1.5A 3DDPAK
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	121338 pcs
DATA SHEET	 MCP1827ST-2502E/EB.pdf
VOLTAGE DROPOUT (MAX)	0.6V @ 1.5A
VOLTAGE - OUTPUT (MIN/FIXED)	2.5V
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
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 2.5V 1.5A 3-DDPAK
CURRENT - QUIESCENT (IQ)	220µA
CURRENT - OUTPUT	1.5A
CONTROL FEATURES	-
BASE PART NUMBER	MCP1827S

Related Tags

Micrel / Microchip Technology MCP1827ST-2502E/EB	MCP1827ST-2502E/EB Distributor	MCP1827ST-2502E/EB Supplier
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Related Products

 MCP1827T-1802E/ET Manufacturers: Micrel / Microchip Technology Description: IC REG LINEAR 1.8V 1.5A 5DDPAK In stock: 93594 pcs RFQ	 MCP1827ST-1802E/EB Manufacturers: Micrel / Microchip Technology Description: IC REG LINEAR 1.8V 1.5A 3DDPAK In stock: 112021 pcs RFQ
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 MCP1827ST-3002E/EB Manufacturers: Micrel / Microchip Technology Description: IC REG LINEAR 3V 1.5A 3DDPAK In stock: 99675 pcs RFQ	 MCP1827T-1202E/ET Manufacturers: Micrel / Microchip Technology Description: IC REG LINEAR 1.2V 1.5A 5DDPAK In stock: 119651 pcs RFQ
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