

MCP1827ST-5002E/EB



Part Number: MCP1827ST-5002E/EB

Manufacturer: Micrel / Microchip Technology

Description: IC REG LINEAR 5V 1.5A 3DDPAK

Data sheet:  MCP1827(S, ST, T)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

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PRODUCT PARAMETER			
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	71661 pcs	Data sheet	MCP1827(S, ST, T)
Category	Integrated Circuits (ICs)	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, D²Pak (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)
Manufacturer Standard Lead Time	11 Weeks	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		
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	Part#: MCP1827T-1802E/ET Description: IC REG LINEAR 1.8V 1.5A 5DDPAK	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MCP1827S-3302E/AB Description: IC REG LINEAR 3.3V 1.5A TO220-3	Manufacturers: Micrel / Microchip Technology	RFQ
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