

MCP1827S-1802E/EB



Part Number: MCP1827S-1802E/EB

Manufacturer: Micrel / Microchip Technology

Description: IC REG LINEAR 1.8V 1.5A 3DDPAK

Data sheet:  MCP1827(S, ST, T)

RoHs Status: Lead free / RoHS Compliant

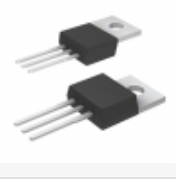
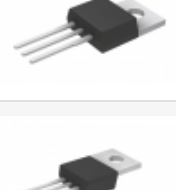
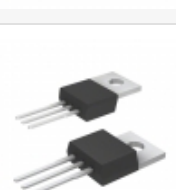
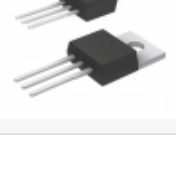
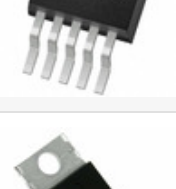
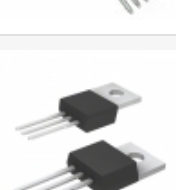
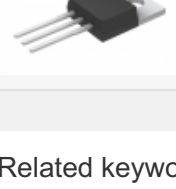
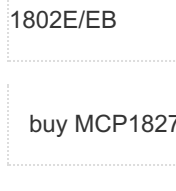
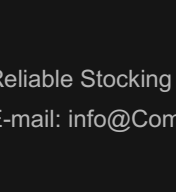
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PRODUCT PARAMETER			
Part Number	MCP1827S-1802E/EB	Manufacturer	Micrel / Microchip Technology
Description	IC REG LINEAR 1.8V 1.5A 3DDPAK	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	64396 pcs	Data sheet	MCP1827(S, ST, T)
Category	Integrated Circuits (ICs)	Voltage Dropout (Max)	0.6V @ 1.5A
Voltage - Output (Min/Fixed)	1.8V	Voltage - Output (Max)	-
Voltage - Input (Max)	6V	Supplier Device Package	3-DDPAK
Series	-	Protection Features	Over Temperature, Short Circuit, Under Voltage Lockout (UVLO)
Packaging	Tube	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)	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 1.8V 1.5A 3-DDPAK
Current - Quiescent (Iq)	220µA	Current - Output	1.5A
Control Features	-	Base Part Number	MCP1827S
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	Part#: MCP1827S-0802E/EB Description: IC REG LINEAR 0.8V 1.5A 3DDPAK	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MCP1827S-1202E/AB Description: IC REG LINEAR 1.2V 1.5A TO220-3	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: MCP1827S-2502E/AB Description: IC REG LINEAR 2.5V 1.5A TO220-3	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: MCP1827-3302E/ET Description: IC REG LINEAR 3.3V 1.5A 5DDPAK	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MCP1827S-2502E/EB Description: IC REG LINEAR 2.5V 1.5A 3DDPAK	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MCP1827-ADJE/ET Description: IC REG LIN POS ADJ 1.5A 5DDPAK	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MCP1827-5002E/AT Description: IC REG LINEAR 5V 1.5A TO220-5	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MCP1827S-3002E/AB Description: IC REG LINEAR 3V 1.5A TO220-3	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MCP1827ST-1202E/EB Description: IC REG LINEAR 1.2V 1.5A 3DDPAK	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MCP1827S-1802E/AB Description: IC REG LINEAR 1.8V 1.5A TO220-3	Manufacturers: Micrel / Microchip Technology	RFQ

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