

MCP1826ST-5002E/DB



Part Number: MCP1826ST-5002E/DB

Manufacturer: Micrel / Microchip Technology

Description: IC REG LINEAR 5V 1A SOT223-3

Data sheet:  MCP1826/26S

RoHs Status: Lead free / RoHS Compliant

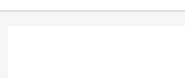
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PRODUCT PARAMETER			
Part Number	MCP1826ST-5002E/DB	Manufacturer	Micrel / Microchip Technology
Description	IC REG LINEAR 5V 1A SOT223-3	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	112879 pcs	Data sheet	MCP1826/26S
Category	Integrated Circuits (ICs)	Voltage Dropout (Max)	0.4V @ 1A
Voltage - Output (Min/Fixed)	5V	Voltage - Output (Max)	-
Voltage - Input (Max)	6V	Supplier Device Package	SOT-223-3
Series	-	Protection Features	Over Temperature, Short Circuit, Under Voltage Lockout (UVLO)
Packaging	Tape & Reel (TR)	Package / Case	TO-261-4, TO-261AA
PSRR	60dB (100Hz)	Output Type	Fixed
Output Configuration	Positive	Other Names	MCP1826ST-5002E/DBTR
Operating Temperature	-40°C ~ 125°C	Number of Regulators	1
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	10 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Detailed Description	Linear Voltage Regulator IC Positive Fixed 1 Output 5V 1A SOT-223-3	Current - Quiescent (Iq)	220µA
Current - Output	1A	Control Features	-
Base Part Number	MCP1826S		
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	Part#: MCP1826T-2502E/DC Description: IC REG LINEAR 2.5V 1A SOT223-5	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MCP1826ST-2502E/EB Description: IC REG LINEAR 2.5V 1A 3DDPAK	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MCP1826ST-5002E/EB Description: IC REG LINEAR 5V 1A 3DDPAK	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MCP1826ST-3002E/EB Description: IC REG LINEAR 3V 1A 3DDPAK	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MCP1826ST-3302E/EB Description: IC REG LINEAR 3.3V 1A 3DDPAK	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MCP1826ST-1802E/DB Description: IC REG LINEAR 1.8V 1A SOT223-3	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MCP1826T-0802E/ET Description: IC REG LINEAR 0.8V 1A 5DDPAK	Manufacturers: Micrel / Microchip Technology	RFQ
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