

MCP1825ST-2502E/DB



Part Number: [MCP1825ST-2502E/DB](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC REG LIN 2.5V 500MA SOT223-3

Data sheet:  [MCP1825/S Datasheet](#)

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	MCP1825ST-2502E/DB	Manufacturer	Micrel / Microchip Technology
Description	IC REG LIN 2.5V 500MA SOT223-3	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	137828 pcs	Data sheet	MCP1825/S Datasheet
Category	Integrated Circuits (ICs)	Voltage Dropout (Max)	0.35V @ 500mA
Voltage - Output (Min/Fixed)	2.5V	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	MCP1825ST-2502E/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 2.5V 500mA SOT-223-3	Current - Quiescent (Iq)	220µA
Current - Output	500mA	Control Features	-
Base Part Number	MCP1825S		
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	Part#: MCP1825ST-3002E/EB Description: IC REG LINEAR 3V 500MA 3DDPAK	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MCP1825S-3302E/EB Description: IC REG LINEAR 3.3V 500MA 3DDPAK	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MCP1825S-5002E/DB Description: IC REG LINEAR 5V 500MA SOT223-3	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MCP1825ST-5002E/DB Description: IC REG LINEAR 5V 500MA SOT223-3	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MCP1825T-0802E/DC Description: IC REG LIN 0.8V 500MA SOT223-5	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: MCP1825ST-3302E/DB Description: IC REG LIN 3.3V 500MA SOT223-3	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MCP1825ST-0802E/DB Description: IC REG LIN 0.8V 500MA SOT223-3	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MCP1825ST-1802E/EB Description: IC REG LINEAR 1.8V 500MA 3DDPAK	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MCP1825ST-3002E/DB Description: IC REG LINEAR 3V 500MA SOT223-3	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MCP1825ST-5002E/EB Description: IC REG LINEAR 5V 500MA 3DDPAK	Manufacturers: Micrel / Microchip Technology	RFQ
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