

MCP1825ST-3002E/DB



Part Number: [MCP1825ST-3002E/DB](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC REG LINEAR 3V 500MA SOT223-3

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

RoHs Status: Lead free / RoHS Compliant

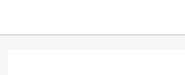
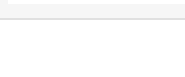
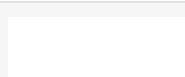
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Request For Quotation

PRODUCT PARAMETER		
Part Number	MCP1825ST-3002E/DB	Manufacturer Micrel / Microchip Technology
Description	IC REG LINEAR 3V 500MA SOT223-3	Lead Free Status / RoHS StatusLead free / RoHS Compliant
Quantity Available	134845 pcs	Data sheet MCP1825/S Datasheet
Category	Integrated Circuits (ICs)	Voltage Dropout (Max)0.35V @ 500mA
Voltage - Output (Min/Fixed)	3V	Voltage - Output (Max)-
Voltage - Input (Max)	6V	Supplier Device PackageSOT-223-3
Series	-	Protection FeaturesOver Temperature, Short Circuit, Under Voltage Lockout (UVLO)
Packaging	Tape & Reel (TR)	Package / CaseTO-261-4, TO-261AA
PSRR	60dB (100Hz)	Output TypeFixed
Output Configuration	Positive	Other NamesMCP1825ST-3002E/DBTR
Operating Temperature	-40°C ~ 125°C	Number of Regulators1
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)1 (Unlimited)
Manufacturer Standard Lead Time	10 Weeks	Lead Free Status / RoHS StatusLead free / RoHS Compliant
Detailed Description	Linear Voltage Regulator IC Positive Fixed 1 Output 3V 500mA SOT-223-3	Current - Quiescent (Iq)220µA
Current - Output	500mA	Control Features-
Base Part Number	MCP1825S	
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	Part#: MCP1825ST-2502E/DB Description: IC REG LIN 2.5V 500MA SOT223-3	Manufacturers: Micrel / Microchip Technology RFQ
	Part#: MCP1825ST-2502E/EB Description: IC REG LINEAR 2.5V 500MA 3DDPAK	Manufacturers: Micrel / Microchip Technology RFQ
	Part#: MCP1825ST-3302E/DB Description: IC REG LIN 3.3V 500MA SOT223-3	Manufacturers: Micrel / Microchip Technology RFQ
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