

MCP1825-2502E/ET



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Part Number: [MCP1825-2502E/ET](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC REG LINEAR 2.5V 500mA 5DDPAK

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

RoHs Status: Lead free / RoHS Compliant

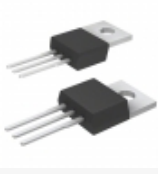
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PRODUCT PARAMETER			
Part Number	MCP1825-2502E/ET	Manufacturer	Micrel / Microchip Technology
Description	IC REG LINEAR 2.5V 500mA 5DDPAK	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	92845 pcs	Data sheet	MCP1825/S Datasheet
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	5-DDPAK
Series	-	Protection Features	Over Temperature, Short Circuit, Under Voltage Lockout (UVLO)
Packaging	Tube	Package / Case	TO-263-6, D³Pak (5 Leads + Tab), TO-263BA
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	10 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Detailed Description	Linear Voltage Regulator IC Positive Fixed 1 Output 2.5V 500mA 5-DDPAK
Current - Quiescent (Iq)	220µA	Current - Output	500mA
Control Features	Enable, Power Good	Base Part Number	MCP1825

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RFQ Email: info@Components-World.com

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	Part#: MCP1825-1802E/AT Description: IC REG LINEAR 1.8V 500MA TO220-5	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MCP1824T-ADJE/DC Description: IC REG LIN POS ADJ 300MA SOT223	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MCP1825-5002E/AT Description: IC REG LINEAR 5V 500MA TO220-5	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MCP1825-3302E/ET Description: IC REG LINEAR 3.3V 500MA 5DDPAK	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MCP1825-1202E/ET Description: IC REG LINEAR 1.2V 500MA 5DDPAK	Manufacturers: Micrel / Microchip Technology	RFQ
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