



Micrel / Microchip Technology



MCP1825S-5002E/EB

Part Number:	MCP1825S-5002E/EB
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC REG LINEAR 5V 500MA 3DDPAK
Datasheets:	 MCP1825S-5002E/EB.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	140421 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

Specifications of MCP1825S-5002E/EB

PART NUMBER	MCP1825S-5002E/EB
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC REG LINEAR 5V 500MA 3DDPAK
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	140421 pcs
DATA SHEET	 MCP1825S-5002E/EB.pdf
VOLTAGE DROPOUT (MAX)	0.35V @ 500mA
VOLTAGE - OUTPUT (MIN/FIXED)	5V
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)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DETAILED DESCRIPTION	Linear Voltage Regulator IC Positive Fixed 1 Output 5V 500mA 3-DDPAK
CURRENT - QUIESCENT (IQ)	220µA
CURRENT - OUTPUT	500mA
CONTROL FEATURES	-
BASE PART NUMBER	MCP1825S

Related Tags

Micrel / Microchip Technology MCP1825S-5002E/EB	MCP1825S-5002E/EB Distributor	MCP1825S-5002E/EB Supplier
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Related Products

 MCP1825S-3002E/EB Manufacturers: Micrel / Microchip Technology Description: IC REG LINEAR 3V 500MA 3DDPAK In stock: 100121 pcs RFQ	 MCP1825ST-0802E/DB Manufacturers: Micrel / Microchip Technology Description: IC REG LIN 0.8V 500MA SOT223-3 In stock: 202664 pcs RFQ
 MCP1825ST-1202E/EB Manufacturers: Micrel / Microchip Technology Description: IC REG LINEAR 1.2V 500MA 3DDPAK In stock: 134930 pcs RFQ	 MCP1825ST-1202E/DB Manufacturers: Micrel / Microchip Technology Description: IC REG LIN 1.2V 500MA SOT223-3 In stock: 224715 pcs RFQ
 MCP1825S-3302E/EB Manufacturers: Micrel / Microchip Technology Description: IC REG LINEAR 3.3V 500MA 3DDPAK In stock: 109171 pcs RFQ	 MCP1825ST-1802E/DB Manufacturers: Micrel / Microchip Technology Description: IC REG LIN 1.8V 500MA SOT223-3 In stock: 257799 pcs RFQ
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