



Micrel / Microchip Technology

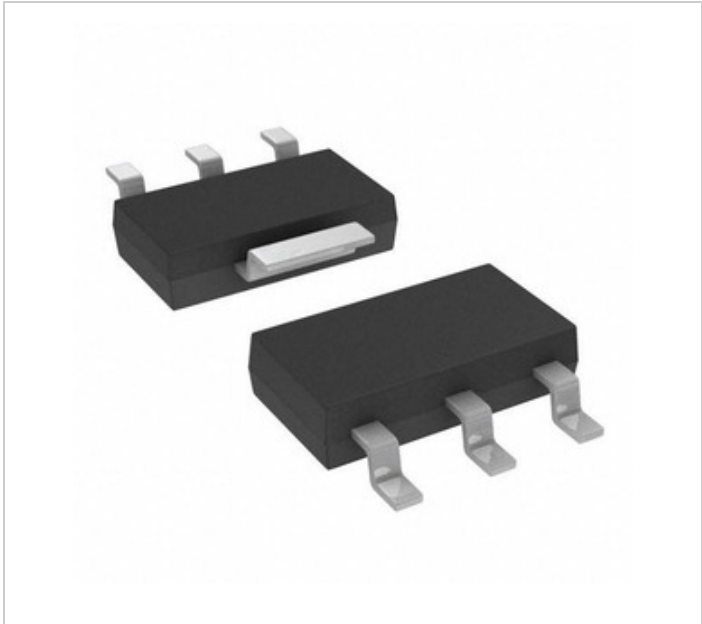


Image may be representation. See specifications for product details.

MCP1825ST-5002E/DB

Part Number:	MCP1825ST-5002E/DB
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC REG LINEAR 5V 500MA SOT223-3
Datasheets:	 MCP1825ST-5002E/DB.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

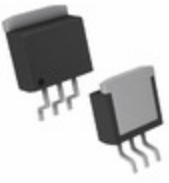
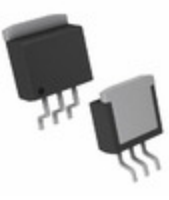
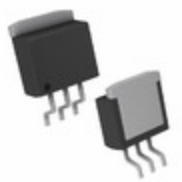
Specifications of MCP1825ST-5002E/DB

PART NUMBER	MCP1825ST-5002E/DB
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC REG LINEAR 5V 500MA SOT223-3
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 MCP1825ST-5002E/DB.pdf
VOLTAGE DROPOUT (MAX)	0.35V @ 500mA
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	MCP1825ST-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 500mA SOT-223-3
CURRENT - QUIESCENT (IQ)	220µA
CURRENT - OUTPUT	500mA
CONTROL FEATURES	-
BASE PART NUMBER	MCP1825S

Related Tags

Micrel / Microchip Technology MCP1825ST-5002E/DB	MCP1825ST-5002E/DB Distributor	MCP1825ST-5002E/DB Supplier
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Micrel / Microchip Technology MCP1825ST-5002E/DB	Micrel / Microchip Technology Supplier	Micrel / Microchip Technology Distributor
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Related Products

 MCP1825ST-3302E/DBVAO Manufacturers: Micrel / Microchip Technology Description: IC REG LIN 3.3V 500MA SOT223-3 In stock: Out stock RFQ	 MCP1825ST-3002E/EB Manufacturers: Micrel / Microchip Technology Description: IC REG LINEAR 3V 500MA 3DDPAK In stock: Out stock RFQ
 MCP1825T-1202E/ET Manufacturers: Micrel / Microchip Technology Description: IC REG LINEAR 1.2V 500MA 5DDPAK In stock: Out stock RFQ	 MCP1825ST-5002E/EB Manufacturers: Micrel / Microchip Technology Description: IC REG LINEAR 5V 500MA 3DDPAK In stock: Out stock RFQ
 MCP1825T-0802E/ET Manufacturers: Micrel / Microchip Technology Description: IC REG LINEAR 0.8V 500MA 5DDPAK In stock: Out stock RFQ	 MCP1825T-1802E/DC Manufacturers: Micrel / Microchip Technology Description: IC REG LIN 1.8V 500MA SOT223-5 In stock: Out stock RFQ
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