

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

MCP1825ST-1802E/EB

Part Number:	MCP1825ST-1802E/EB
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC REG LINEAR 1.8V 500MA 3DDPAK
Datasheets:	 MCP1825ST-1802E/EB.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	151533 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of MCP1825ST-1802E/EB

PART NUMBER	MCP1825ST-1802E/EB
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC REG LINEAR 1.8V 500MA 3DDPAK
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	151533 pcs
DATA SHEET	 MCP1825ST-1802E/EB.pdf
VOLTAGE DROPOUT (MAX)	0.35V @ 500mA
VOLTAGE - OUTPUT (MIN/FIXED)	1.8V
VOLTAGE - OUTPUT (MAX)	-
VOLTAGE - INPUT (MAX)	6V
SUPPLIER DEVICE PACKAGE	3-DDPAK
SERIES	-
PROTECTION FEATURES	Over Temperature, Short Circuit, Under Voltage Lockout (UVLO)
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	TO-263-4, D ² Pak (3 Leads + Tab), TO-263AA
PSRR	60dB (100Hz)
OUTPUT TYPE	Fixed
OUTPUT CONFIGURATION	Positive
OTHER NAMES	MCP1825ST-1802E/EBTR
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 1.8V 500mA 3-DDPAK
CURRENT - QUIESCENT (IQ)	220μA
CURRENT - OUTPUT	500mA
CONTROL FEATURES	-
BASE PART NUMBER	MCP1825S

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Related Products

MICROCHIP MCP1825ST-2502E/EB Manufacturers: Micrel / Microchip Technology Description: IC REG LINEAR 2.5V 500MA 3DDPAK In stock: 118479 pcs RFQ	MICROCHIP MCP1825ST-2502E/DB Manufacturers: Micrel / Microchip Technology Description: IC REG LIN 2.5V 500MA SOT223-3 In stock: 205723 pcs RFQ
MICROCHIP MCP1825ST-1202E/DB Manufacturers: Micrel / Microchip Technology Description: IC REG LIN 1.2V 500MA SOT223-3 In stock: 224715 pcs RFQ	MICROCHIP MCP1825ST-0802E/DB Manufacturers: Micrel / Microchip Technology Description: IC REG LIN 0.8V 500MA SOT223-3 In stock: 202664 pcs RFQ
MICROCHIP MCP1825ST-1202E/EB Manufacturers: Micrel / Microchip Technology Description: IC REG LINEAR 1.2V 500MA 3DDPAK In stock: 134930 pcs RFQ	MICROCHIP MCP1825ST-3302E/DB Manufacturers: Micrel / Microchip Technology Description: IC REG LIN 3.3V 500MA SOT223-3 In stock: 266572 pcs RFQ
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