

MICROCHIP

Micrel / Microchip Technology



MCP1824ST-2502E/DB

Part Number:	MCP1824ST-2502E/DB
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC REG LIN 2.5V 300MA SOT223-3
Datasheets:	 MCP1824ST-2502E/DB.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	271731 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 MCP1824ST-2502E/DB

PART NUMBER	MCP1824ST-2502E/DB
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC REG LIN 2.5V 300MA SOT223-3
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	271731 pcs
DATA SHEET	 MCP1824ST-2502E/DB.pdf
VOLTAGE DROPOUT (MAX)	0.32V @ 300mA
VOLTAGE - OUTPUT (MIN/FIXED)	2.5V
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	55dB (100Hz)
OUTPUT TYPE	Fixed
OUTPUT CONFIGURATION	Positive
OTHER NAMES	MCP1824ST-2502E/DB-ND MCP1824ST-2502E/DBTR MCP1824ST2502EDB
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 2.5V 300mA SOT-223-3
CURRENT - QUIESCENT (IQ)	220µA
CURRENT - OUTPUT	300mA
CONTROL FEATURES	-
BASE PART NUMBER	MCP1824S

Related Tags

Micrel / Microchip Technology MCP1824ST-2502E/DB	MCP1824ST-2502E/DB Distributor	MCP1824ST-2502E/DB Supplier
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Related Products

 MCP1824T-1202E/DC Manufacturers: Micrel / Microchip Technology Description: IC REG LIN 1.2V 300MA SOT223-5 In stock: 193802 pcs RFQ	 MCP1824T-0802E/DC Manufacturers: Micrel / Microchip Technology Description: IC REG LIN 0.8V 300MA SOT223-5 In stock: 218670 pcs RFQ
 MCP1824ST-1202E/DB Manufacturers: Micrel / Microchip Technology Description: IC REG LIN 1.2V 300MA SOT223-3 In stock: 276386 pcs RFQ	 MCP1824ST-0802E/DB Manufacturers: Micrel / Microchip Technology Description: IC REG LIN 0.8V 300MA SOT223-3 In stock: 249493 pcs RFQ
 MCP1810T-35I/TT Manufacturers: Micrel / Microchip Technology Description: IC REG LINEAR 3.5V 150MA SOT23-3 In stock: 386426 pcs RFQ	 MCP1824T-0802E/OT Manufacturers: Micrel / Microchip Technology Description: IC REG LINEAR 0.8V 300MA SOT23-5 In stock: 311993 pcs RFQ
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 MCP1824ST-3302E/DB Manufacturers: Micrel / Microchip Technology Description: IC REG LIN 3.3V 300MA SOT223-3 In stock: 171198 pcs RFQ	 MCP1824ST-1802E/DB Manufacturers: Micrel / Microchip Technology Description: IC REG LIN 1.8V 300MA SOT223-3 In stock: 279393 pcs RFQ
 MCP1824ST-3002E/DB Manufacturers: Micrel / Microchip Technology Description: IC REG LINEAR 3V 300MA SOT223-3 In stock: 270035 pcs RFQ	 MCP1810T-42I/J8A Manufacturers: Micrel / Microchip Technology Description: IC REG LINEAR 4.2V 100MA 8VDFN In stock: 240422 pcs RFQ