




Micrel / Microchip Technology

## MCP1824ST-3002E/DB

Part Number:	MCP1824ST-3002E/DB
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	IC REG LINEAR 3V 300MA SOT223-3
Datasheets:	<a href="#">MCP1824ST-3002E/DB.pdf</a>
RoHS Status:	 Lead free / RoHS Compliant
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-3002E/DB

PART NUMBER	MCP1824ST-3002E/DB
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC REG LINEAR 3V 300MA SOT223-3
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	<a href="#">MCP1824ST-3002E/DB.pdf</a>
VOLTAGE DROPOUT (MAX)	0.32V @ 300mA
VOLTAGE - OUTPUT (MIN/FIXED)	3V
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-3002E/DB-ND MCP1824ST-3002E/DBTR
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 3V 300mA SOT-223-3
CURRENT - QUIESCENT (IQ)	220µA
CURRENT - OUTPUT	300mA
CONTROL FEATURES	-
BASE PART NUMBER	MCP1824S

### Related Tags

Micrel / Microchip Technology MCP1824ST-3002E/DB	MCP1824ST-3002E/DB Distributor	MCP1824ST-3002E/DB Supplier
MCP1824ST-3002E/DB Price	MCP1824ST-3002E/DB Pictures	MCP1824ST-3002E/DB Image
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Micrel / Microchip Technology MCP1824ST-3002E/DB	Microchip Technology MCP1824ST-3002E/DB	Roving Networks / Microchip Technology MCP1824ST-3002E/DB

### Related Products

 <p><b>MCP1810T-35I/TT</b> Manufacturers: Micrel / Microchip Technology Description: IC REG LINEAR 3.5V 150MA SOT23-3 In stock: Out stock</p> <p><a href="#">RFQ</a></p>	 <p><b>MCP1824T-0802E/OT</b> Manufacturers: Micrel / Microchip Technology Description: IC REG LINEAR 0.8V 300MA SOT23-5 In stock: Out stock</p> <p><a href="#">RFQ</a></p>
 <p><b>MCP1824ST-2502E/DB</b> Manufacturers: Micrel / Microchip Technology Description: IC REG LIN 2.5V 300MA SOT223-3 In stock: Out stock</p> <p><a href="#">RFQ</a></p>	 <p><b>MCP1810T-42I/J8A</b> Manufacturers: Micrel / Microchip Technology Description: IC REG LINEAR 4.2V 100MA 8VDFN In stock: Out stock</p> <p><a href="#">RFQ</a></p>
 <p><b>MCP1824T-0802E/DC</b> Manufacturers: Micrel / Microchip Technology Description: IC REG LIN 0.8V 300MA SOT223-5 In stock: Out stock</p> <p><a href="#">RFQ</a></p>	 <p><b>MCP1824ST-1802E/DB</b> Manufacturers: Micrel / Microchip Technology Description: IC REG LIN 1.8V 300MA SOT223-3 In stock: Out stock</p> <p><a href="#">RFQ</a></p>
 <p><b>MCP1824ST-1202E/DB</b> Manufacturers: Micrel / Microchip Technology Description: IC REG LIN 1.2V 300MA SOT223-3 In stock: Out stock</p> <p><a href="#">RFQ</a></p>	 <p><b>MCP1824T-1202E/OT</b> Manufacturers: Micrel / Microchip Technology Description: IC REG LINEAR 1.2V 300MA SOT23-5 In stock: Out stock</p> <p><a href="#">RFQ</a></p>
 <p><b>MCP1824ST-0802E/DB</b> Manufacturers: Micrel / Microchip Technology Description: IC REG LIN 0.8V 300MA SOT223-3 In stock: Out stock</p> <p><a href="#">RFQ</a></p>	 <p><b>MCP1824ST-3302E/DB</b> Manufacturers: Micrel / Microchip Technology Description: IC REG LIN 3.3V 300MA SOT223-3 In stock: Out stock</p> <p><a href="#">RFQ</a></p>
 <p><b>MCP1824T-1202E/DC</b> Manufacturers: Micrel / Microchip Technology Description: IC REG LIN 1.2V 300MA SOT223-5 In stock: Out stock</p> <p><a href="#">RFQ</a></p>	 <p><b>MCP1824ST-5002E/DB</b> Manufacturers: Micrel / Microchip Technology Description: IC REG LINEAR 5V 300MA SOT223-3 In stock: Out stock</p> <p><a href="#">RFQ</a></p>