





Micrel / Microchip Technology


## MCP1826S-5002E/EB

Part Number:	MCP1826S-5002E/EB
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	IC REG LINEAR 5V 1A 3DDPAK
Datasheets:	 <a href="#">MCP1826S-5002E/EB.pdf</a>
RoHS Status:	 Lead free / RoHS Compliant
Stock Condition:	111464 pcs stock
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS


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Image may be representation. See specifications for product details.













### Specifications of MCP1826S-5002E/EB

PART NUMBER	MCP1826S-5002E/EB
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC REG LINEAR 5V 1A 3DDPAK
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	111464 pcs
DATA SHEET	 <a href="#">MCP1826S-5002E/EB.pdf</a>
VOLTAGE DROPOUT (MAX)	0.4V @ 1A
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 <sup>2</sup> 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 1A 3-DDPAK
CURRENT - QUIESCENT (IQ)	220µA
CURRENT - OUTPUT	1A
CONTROL FEATURES	-
BASE PART NUMBER	MCP1826S

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### Related Products

 <p><b>MCP1826S-3302E/AB</b> Manufacturers: Micrel / Microchip Technology Description: IC REG LINEAR 3.3V 1A TO220-3 In stock: 97955 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>MCP1826ST-0802E/DB</b> Manufacturers: Micrel / Microchip Technology Description: IC REG LINEAR 0.8V 1A SOT223-3 In stock: 185947 pcs</p> <p><a href="#">RFQ</a></p>
 <p><b>MCP1826S-5002E/DBVAO</b> Manufacturers: Micrel / Microchip Technology Description: IC REG LINEAR 5V 1A SOT223-3 In stock: 4443 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>MCP1826S-5002E/DB</b> Manufacturers: Micrel / Microchip Technology Description: IC REG LINEAR 5V 1A SOT223-3 In stock: 116630 pcs</p> <p><a href="#">RFQ</a></p>
 <p><b>MCP1826S-3302E/DB</b> Manufacturers: Micrel / Microchip Technology Description: IC REG LINEAR 3.3V 1A SOT223-3 In stock: 124144 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>MCP1826ST-0802E/EB</b> Manufacturers: Micrel / Microchip Technology Description: IC REG LINEAR 0.8V 1A 3DDPAK In stock: 112110 pcs</p> <p><a href="#">RFQ</a></p>
 <p><b>MCP1826ST-1802E/EB</b> Manufacturers: Micrel / Microchip Technology Description: IC REG LINEAR 1.8V 1A 3DDPAK In stock: 126741 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>MCP1826ST-1202E/DB</b> Manufacturers: Micrel / Microchip Technology Description: IC REG LINEAR 1.2V 1A SOT223-3 In stock: 163906 pcs</p> <p><a href="#">RFQ</a></p>
 <p><b>MCP1826ST-1802E/DB</b> Manufacturers: Micrel / Microchip Technology Description: IC REG LINEAR 1.8V 1A SOT223-3 In stock: 159009 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>MCP1826ST-1202E/EB</b> Manufacturers: Micrel / Microchip Technology Description: IC REG LINEAR 1.2V 1A 3DDPAK In stock: 128477 pcs</p> <p><a href="#">RFQ</a></p>
 <p><b>MCP1826S-5002E/AB</b> Manufacturers: Micrel / Microchip Technology Description: IC REG LINEAR 5V 1A TO220-3 In stock: 82655 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>MCP1826S-3302E/EB</b> Manufacturers: Micrel / Microchip Technology Description: IC REG LINEAR 3.3V 1A 3DDPAK In stock: 102704 pcs</p> <p><a href="#">RFQ</a></p>