

MCP1826ST-3002E/EB



Part Number: MCP1826ST-3002E/EB

Manufacturer: Micrel / Microchip Technology

Description: IC REG LINEAR 3V 1A 3DDPAK

Data sheet:  MCP1826/26S

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

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| PRODUCT PARAMETER              |                                           |                                  |                                                                   |
|--------------------------------|-------------------------------------------|----------------------------------|-------------------------------------------------------------------|
| Part Number                    | MCP1826ST-3002E/EB                        | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a>                     |
| Description                    | IC REG LINEAR 3V 1A 3DDPAK                | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                        |
| Quantity Available             | 78049 pcs                                 | Data sheet                       | <a href="#">MCP1826/26S</a>                                       |
| Category                       | <a href="#">Integrated Circuits (ICs)</a> | Voltage Dropout (Max)            | 0.4V @ 1A                                                         |
| Voltage - Output (Min/Fixed)   | 3V                                        | 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 <sup>2</sup> Pak (3 Leads + Tab), TO-263AA            |
| PSRR                           | 60dB (100Hz)                              | Output Type                      | Fixed                                                             |
| Output Configuration           | Positive                                  | Other Names                      | MCP1826ST-3002E/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 3V 1A 3-DDPAK |
| Current - Quiescent (Iq)       | 220µA                                     | Current - Output                 | 1A                                                                |
| Control Features               | -                                         | Base Part Number                 | MCP1826S                                                          |

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