

MCP1826S-5002E/EB



Part Number: MCP1826S-5002E/EB

Manufacturer: Micrel / Microchip Technology

Description: IC REG LINEAR 5V 1A 3DDPAK

Data sheet:  MCP1826/26S

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

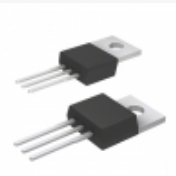
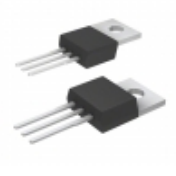
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| PRODUCT PARAMETER                |                                           |                                 |                                                                   |
|----------------------------------|-------------------------------------------|---------------------------------|-------------------------------------------------------------------|
| Part Number                      | MCP1826S-5002E/EB                         | Manufacturer                    | <a href="#">Micrel / Microchip Technology</a>                     |
| Description                      | IC REG LINEAR 5V 1A 3DDPAK                | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                        |
| Quantity Available               | 69065 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)     | 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)                             | Manufacturer Standard Lead Time | 11 Weeks                                                          |
| 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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|  | Part#: <a href="#">MCP1826S-5002E/DB</a><br>Description: IC REG LINEAR 5V 1A SOT223-3    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1826S-3302E/AB</a><br>Description: IC REG LINEAR 3.3V 1A TO220-3   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1826S-5002E/AB</a><br>Description: IC REG LINEAR 5V 1A TO220-3     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MCP1826ST-2502E/EB</a><br>Description: IC REG LINEAR 2.5V 1A 3DDPAK   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MCP1826ST-1202E/EB</a><br>Description: IC REG LINEAR 1.2V 1A 3DDPAK   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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