

MCP1825ST-3002E/EB



Part Number: MCP1825ST-3002E/EB

Manufacturer: Micrel / Microchip Technology

Description: IC REG LINEAR 3V 500MA 3DDPAK

Data sheet:  MCP1825/S Datasheet

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

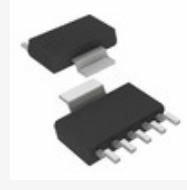
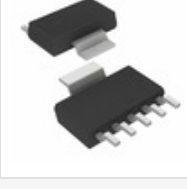
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| PRODUCT PARAMETER              |                                           |                                  |                                                                      |
|--------------------------------|-------------------------------------------|----------------------------------|----------------------------------------------------------------------|
| Part Number                    | MCP1825ST-3002E/EB                        | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a>                        |
| Description                    | IC REG LINEAR 3V 500MA 3DDPAK             | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                           |
| Quantity Available             | 96342 pcs                                 | Data sheet                       | <a href="#">MCP1825/S Datasheet</a>                                  |
| Category                       | <a href="#">Integrated Circuits (ICs)</a> | Voltage Dropout (Max)            | 0.35V @ 500mA                                                        |
| 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, D²Pak (3 Leads + Tab), TO-263AA                            |
| PSRR                           | 60dB (100Hz)                              | Output Type                      | Fixed                                                                |
| Output Configuration           | Positive                                  | Other Names                      | MCP1825ST-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 500mA 3-DDPAK |
| Current - Quiescent (Iq)       | 220µA                                     | Current - Output                 | 500mA                                                                |
| Control Features               | -                                         | Base Part Number                 | MCP1825S                                                             |

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|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">MCP1825T-0802E/ET</a><br>Description: IC REG LINEAR 0.8V 500MA 5DDPAK     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1825ST-5002E/DB</a><br>Description: IC REG LINEAR 5V 500MA SOT223-3    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1825ST-1802E/DB</a><br>Description: IC REG LIN 1.8V 500MA SOT223-3     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1825T-1202E/ET</a><br>Description: IC REG LINEAR 1.2V 500MA 5DDPAK     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1825ST-3002E/DB</a><br>Description: IC REG LINEAR 3V 500MA SOT223-3    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1825ST-3302E/DB</a><br>Description: IC REG LIN 3.3V 500MA SOT223-3     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1825ST-0802E/DB</a><br>Description: IC REG LIN 0.8V 500MA SOT223-3     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1825ST-1202E/EB</a><br>Description: IC REG LINEAR 1.2V 500MA 3DDPAK    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1825ST-2502E/EB</a><br>Description: IC REG LINEAR 2.5V 500MA 3DDPAK    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1825ST-0802E/EB</a><br>Description: IC REG LINEAR 0.8V 500MA 3DDPAK    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1825ST-3302E/EBVAO</a><br>Description: IC REG LINEAR 3.3V 500MA 3DDPAK | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1825T-0802E/DC</a><br>Description: IC REG LIN 0.8V 500MA SOT223-5      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1825T-1202E/DC</a><br>Description: IC REG LIN 1.2V 500MA SOT223-5      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1825ST-3302E/EB</a><br>Description: IC REG LINEAR 3.3V 500MA 3DDPAK    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1825ST-1802E/EB</a><br>Description: IC REG LINEAR 1.8V 500MA 3DDPAK    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MCP1825ST-3302E/DBVAO</a><br>Description: IC REG LIN 3.3V 500MA SOT223-3  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1825S-5002E/EB</a><br>Description: IC REG LINEAR 5V 500MA 3DDPAK       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1825ST-2502E/DB</a><br>Description: IC REG LIN 2.5V 500MA SOT223-3     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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