

MICROCHIP

Micrel / Microchip Technology



MCP1825ST-5002E/EB

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MCP1825ST-5002E/EB                                                                                           |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC REG LINEAR 5V 500MA 3DDPAK                                                                                |
| Datasheets:         |  MCP1825ST-5002E/EB.pdf     |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 156452 pcs stock                                                                                             |
| 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 MCP1825ST-5002E/EB

|                                  |                                                                                                            |
|----------------------------------|------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MCP1825ST-5002E/EB                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                              |
| DESCRIPTION                      | IC REG LINEAR 5V 500MA 3DDPAK                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                 |
| QUANTITY AVAILABLE               | 156452 pcs                                                                                                 |
| DATA SHEET                       |  MCP1825ST-5002E/EB.pdf |
| VOLTAGE DROPOUT (MAX)            | 0.35V @ 500mA                                                                                              |
| 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                        | 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                      | MCP1825ST-5002E/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 5V 500mA 3-DDPAK                                       |
| CURRENT - QUIESCENT (IQ)         | 220μA                                                                                                      |
| CURRENT - OUTPUT                 | 500mA                                                                                                      |
| CONTROL FEATURES                 | -                                                                                                          |
| BASE PART NUMBER                 | MCP1825S                                                                                                   |

Related Tags

|                                                  |                                         |                                                           |
|--------------------------------------------------|-----------------------------------------|-----------------------------------------------------------|
| Micrel / Microchip Technology MCP1825ST-5002E/EB | MCP1825ST-5002E/EB Distributor          | MCP1825ST-5002E/EB Supplier                               |
| MCP1825ST-5002E/EB Price                         | MCP1825ST-5002E/EB Pictures             | MCP1825ST-5002E/EB Image                                  |
| MCP1825ST-5002E/EB PDF Datasheet                 | MCP1825ST-5002E/EB Download Datasheet   | MCP1825ST-5002E/EB Datasheet                              |
| MCP1825ST-5002E/EB Stock                         | Buy MCP1825ST-5002E/EB                  | Buy Micrel / Microchip Technology MCP1825ST-5002E/EB      |
| Micrel / Microchip Technology MCP1825ST-5002E/EB | Micrel / Microchip Technology Supplier  | Micrel / Microchip Technology Distributor                 |
| Micrel / Microchip Technology MCP1825ST-5002E/EB | Microchip Technology MCP1825ST-5002E/EB | Roving Networks / Microchip Technology MCP1825ST-5002E/EB |

Related Products

|                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                    |
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|  <div><b>MCP1825T-0802E/ET</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 0.8V 500MA 5DDPAK<br/>In stock: 150139 pcs<br/><b>RFQ</b></div>   |  <div><b>MCP1825ST-3002E/EB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3V 500MA 3DDPAK<br/>In stock: 163039 pcs<br/><b>RFQ</b></div>   |
|  <div><b>MCP1825T-1802E/ET</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 1.8V 500MA 5DDPAK<br/>In stock: 152133 pcs<br/><b>RFQ</b></div>   |  <div><b>MCP1825ST-3302E/EB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3.3V 500MA 3DDPAK<br/>In stock: 131801 pcs<br/><b>RFQ</b></div> |
|  <div><b>MCP1825T-0802E/DC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LIN 0.8V 500MA SOT223-5<br/>In stock: 243854 pcs<br/><b>RFQ</b></div>    |  <div><b>MCP1825ST-3302E/DB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LIN 3.3V 500MA SOT223-3<br/>In stock: 266572 pcs<br/><b>RFQ</b></div>  |
|  <div><b>MCP1825ST-3302E/EBVAO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3.3V 500MA 3DDPAK<br/>In stock: 6407 pcs<br/><b>RFQ</b></div> |  <div><b>MCP1825T-1802E/DC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LIN 1.8V 500MA SOT223-5<br/>In stock: 238514 pcs<br/><b>RFQ</b></div>   |
|  <div><b>MCP1825T-1202E/DC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LIN 1.2V 500MA SOT223-5<br/>In stock: 212875 pcs<br/><b>RFQ</b></div>    |  <div><b>MCP1825ST-3302E/DBVAO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LIN 3.3V 500MA SOT223-3<br/>In stock: 7085 pcs<br/><b>RFQ</b></div> |
|  <div><b>MCP1825T-1202E/ET</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 1.2V 500MA 5DDPAK<br/>In stock: 160426 pcs<br/><b>RFQ</b></div>   |  <div><b>MCP1825ST-5002E/DB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 5V 500MA SOT223-3<br/>In stock: 246684 pcs<br/><b>RFQ</b></div> |