



Micrel / Microchip Technology

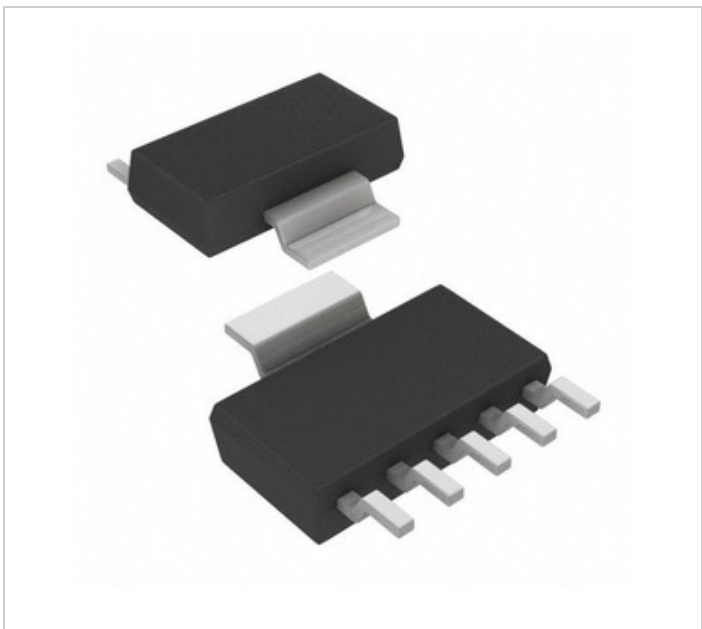


Image may be representation. See specifications for product details.

MCP1825T-1202E/DC

|                     |                                                                                                                         |
|---------------------|-------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MCP1825T-1202E/DC                                                                                                       |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                           |
| Product description | IC REG LIN 1.2V 500MA SOT223-5                                                                                          |
| Datasheets:         |  <a href="#">MCP1825T-1202E/DC.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant            |
| Ship From           | Hong Kong                                                                                                               |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                   |

REQUEST FOR QUOTATION

Specifications of MCP1825T-1202E/DC

|                                  |                                                                                                                           |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MCP1825T-1202E/DC                                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                             |
| DESCRIPTION                      | IC REG LIN 1.2V 500MA SOT223-5                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                |
| DATA SHEET                       |  <a href="#">MCP1825T-1202E/DC.pdf</a> |
| VOLTAGE DROPOUT (MAX)            | 0.35V @ 500mA                                                                                                             |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 1.2V                                                                                                                      |
| VOLTAGE - OUTPUT (MAX)           | -                                                                                                                         |
| VOLTAGE - INPUT (MAX)            | 6V                                                                                                                        |
| SUPPLIER DEVICE PACKAGE          | SOT-223-5                                                                                                                 |
| SERIES                           | -                                                                                                                         |
| PROTECTION FEATURES              | Over Temperature, Short Circuit, Under Voltage Lockout (UVLO)                                                             |
| PACKAGING                        | Tape & Reel (TR)                                                                                                          |
| PACKAGE / CASE                   | SOT-223-6                                                                                                                 |
| PSRR                             | 60dB (100Hz)                                                                                                              |
| OUTPUT TYPE                      | Fixed                                                                                                                     |
| OUTPUT CONFIGURATION             | Positive                                                                                                                  |
| OTHER NAMES                      | MCP1825T-1202E/DCTR                                                                                                       |
| 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 1.2V 500mA SOT-223-5                                                  |
| CURRENT - QUIESCENT (IQ)         | 220µA                                                                                                                     |
| CURRENT - OUTPUT                 | 500mA                                                                                                                     |
| CONTROL FEATURES                 | Enable, Power Good                                                                                                        |
| BASE PART NUMBER                 | MCP1825                                                                                                                   |

Related Tags

|                                                 |                                        |                                                          |
|-------------------------------------------------|----------------------------------------|----------------------------------------------------------|
| Micrel / Microchip Technology MCP1825T-1202E/DC | MCP1825T-1202E/DC Distributor          | MCP1825T-1202E/DC Supplier                               |
| MCP1825T-1202E/DC Price                         | MCP1825T-1202E/DC Pictures             | MCP1825T-1202E/DC Image                                  |
| MCP1825T-1202E/DC PDF Datasheet                 | MCP1825T-1202E/DC Download Datasheet   | MCP1825T-1202E/DC Datasheet                              |
| MCP1825T-1202E/DC Stock                         | Buy MCP1825T-1202E/DC                  | Buy Micrel / Microchip Technology MCP1825T-1202E/DC      |
| Micrel / Microchip Technology MCP1825T-1202E/DC | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor                |
| Micrel / Microchip Technology MCP1825T-1202E/DC | Microchip Technology MCP1825T-1202E/DC | Roving Networks / Microchip Technology MCP1825T-1202E/DC |

Related Products

|                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MCP1825T-1202E/ET</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 1.2V 500MA 5DDPAK<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>MCP1825ST-3302E/EBVAO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3.3V 500MA 3DDPAK<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>MCP1825T-3002E/DC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3V 500MA SOT223-5<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>MCP1825ST-5002E/EB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 5V 500MA 3DDPAK<br/>In stock: Out stock<br/><div>RFQ</div></div>      |
|  <div><b>MCP1825T-2502E/ET</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 2.5V 500MA 5DDPAK<br/>In stock: Out stock<br/><div>RFQ</div></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: Out stock<br/><div>RFQ</div></div>      |
|  <div><b>MCP1825ST-5002E/DB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 5V 500MA SOT223-3<br/>In stock: Out stock<br/><div>RFQ</div></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: Out stock<br/><div>RFQ</div></div>      |
|  <div><b>MCP1825T-2502E/DC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LIN 2.5V 500MA SOT223-5<br/>In stock: Out stock<br/><div>RFQ</div></div>   |  <div><b>MCP1825T-0802E/ET</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 0.8V 500MA 5DDPAK<br/>In stock: Out stock<br/><div>RFQ</div></div>     |
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