



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

MCP1804T-3002I/MB

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MCP1804T-3002I/MB                                                                                            |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC REG LINEAR 3V 150MA SOT89-3                                                                               |
| Datasheets:         |  1.MCP1804T-3002I/MB.pdf    |
|                     |  2.MCP1804T-3002I/MB.pdf    |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 121186 pcs stock                                                                                             |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of MCP1804T-3002I/MB

|                                  |                                                                                                                                                                                                                            |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MCP1804T-3002I/MB                                                                                                                                                                                                          |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                              |
| DESCRIPTION                      | IC REG LINEAR 3V 150MA SOT89-3                                                                                                                                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                 |
| QUANTITY AVAILABLE               | 121186 pcs                                                                                                                                                                                                                 |
| DATA SHEET                       |  1.MCP1804T-3002I/MB.pdf<br> 2.MCP1804T-3002I/MB.pdf |
| VOLTAGE DROPOUT (MAX)            | 1.7V @ 100mA                                                                                                                                                                                                               |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 3V                                                                                                                                                                                                                         |
| VOLTAGE - OUTPUT (MAX)           | -                                                                                                                                                                                                                          |
| VOLTAGE - INPUT (MAX)            | 28V                                                                                                                                                                                                                        |
| SUPPLIER DEVICE PACKAGE          | SOT-89-3                                                                                                                                                                                                                   |
| SERIES                           | -                                                                                                                                                                                                                          |
| PROTECTION FEATURES              | Over Current, Over Temperature                                                                                                                                                                                             |
| PACKAGING                        | Original-Reel®                                                                                                                                                                                                             |
| PACKAGE / CASE                   | TO-243AA                                                                                                                                                                                                                   |
| PSRR                             | 50dB (1kHz)                                                                                                                                                                                                                |
| OUTPUT TYPE                      | Fixed                                                                                                                                                                                                                      |
| OUTPUT CONFIGURATION             | Positive                                                                                                                                                                                                                   |
| OTHER NAMES                      | MCP1804T-3002I/MBDKR                                                                                                                                                                                                       |
| OPERATING TEMPERATURE            | -40°C ~ 85°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 150mA SOT-89-3                                                                                                                                                      |
| CURRENT - SUPPLY (MAX)           | 125µA                                                                                                                                                                                                                      |
| CURRENT - QUIESCENT (IQ)         | 105µA                                                                                                                                                                                                                      |
| CURRENT - OUTPUT                 | 150mA                                                                                                                                                                                                                      |
| CONTROL FEATURES                 | -                                                                                                                                                                                                                          |
| BASE PART NUMBER                 | MCP1804                                                                                                                                                                                                                    |

Related Tags

|                                                 |                                        |                                                          |
|-------------------------------------------------|----------------------------------------|----------------------------------------------------------|
| Micrel / Microchip Technology MCP1804T-3002I/MB | MCP1804T-3002I/MB Distributor          | MCP1804T-3002I/MB Supplier                               |
| MCP1804T-3002I/MB Price                         | MCP1804T-3002I/MB Pictures             | MCP1804T-3002I/MB Image                                  |
| MCP1804T-3002I/MB PDF Datasheet                 | MCP1804T-3002I/MB Download Datasheet   | MCP1804T-3002I/MB Datasheet                              |
| MCP1804T-3002I/MB Stock                         | Buy MCP1804T-3002I/MB                  | Buy Micrel / Microchip Technology MCP1804T-3002I/MB      |
| Micrel / Microchip Technology MCP1804T-3002I/MB | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor                |
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Related Products

|                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                               |
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| <div></div> <div><b>MCP1804T-3302I/DB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LIN 3.3V 150MA SOT223-3<br/>In stock: 151671 pcs</div> <div>RFQ</div>   | <div></div> <div><b>MCP1804T-3302I/OT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3.3V 150MA SOT23-5<br/>In stock: 193556 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>MCP1804T-2502I/MT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 2.5V 100MA SOT89-5<br/>In stock: 178859 pcs</div> <div>RFQ</div> | <div></div> <div><b>MCP1804T-1802I/OT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 1.8V 100MA SOT23-5<br/>In stock: 151870 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>MCP1804T-3002I/MT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3V 150MA SOT89-5<br/>In stock: 142975 pcs</div> <div>RFQ</div>   | <div></div> <div><b>MCP1804T-2502I/DB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LIN 2.5V 100MA SOT223-3<br/>In stock: 124781 pcs</div> <div>RFQ</div>   |
| <div></div> <div><b>MCP1804T-3302I/MT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3.3V 150MA SOT89-5<br/>In stock: 197197 pcs</div> <div>RFQ</div> | <div></div> <div><b>MCP1804T-3002I/DB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3V 150MA SOT223-3<br/>In stock: 146881 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>MCP1804T-2502I/OT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 2.5V 100MA SOT23-5<br/>In stock: 121043 pcs</div> <div>RFQ</div> | <div></div> <div><b>MCP1804T-3302I/MB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3.3V 150MA SOT89-3<br/>In stock: 162729 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>MCP1804T-2502I/MB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 2.5V 100MA SOT89-3<br/>In stock: 175193 pcs</div> <div>RFQ</div> | <div></div> <div><b>MCP1804T-3002I/OT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3V 150MA SOT23-5<br/>In stock: 207065 pcs</div> <div>RFQ</div>   |