



Micrel / Microchip Technology



MCP1804T-2502I/DB

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MCP1804T-2502I/DB                                                                                            |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC REG LIN 2.5V 100MA SOT223-3                                                                               |
|                     |  1.MCP1804T-2502I/DB.pdf    |
|                     |  2.MCP1804T-2502I/DB.pdf    |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 124781 pcs stock                                                                                             |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of MCP1804T-2502I/DB

|                                  |                                                                                                                                                                                                                            |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MCP1804T-2502I/DB                                                                                                                                                                                                          |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                              |
| DESCRIPTION                      | IC REG LIN 2.5V 100MA SOT223-3                                                                                                                                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                 |
| QUANTITY AVAILABLE               | 124781 pcs                                                                                                                                                                                                                 |
| DATA SHEET                       |  1.MCP1804T-2502I/DB.pdf<br> 2.MCP1804T-2502I/DB.pdf |
| VOLTAGE DROPOUT (MAX)            | 1.9V @ 100mA                                                                                                                                                                                                               |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 2.5V                                                                                                                                                                                                                       |
| VOLTAGE - OUTPUT (MAX)           | -                                                                                                                                                                                                                          |
| VOLTAGE - INPUT (MAX)            | 28V                                                                                                                                                                                                                        |
| SUPPLIER DEVICE PACKAGE          | SOT-223-3                                                                                                                                                                                                                  |
| SERIES                           | -                                                                                                                                                                                                                          |
| PROTECTION FEATURES              | Over Current, Over Temperature                                                                                                                                                                                             |
| PACKAGING                        | Cut Tape (CT)                                                                                                                                                                                                              |
| PACKAGE / CASE                   | TO-261-4, TO-261AA                                                                                                                                                                                                         |
| PSRR                             | 50dB (1kHz)                                                                                                                                                                                                                |
| OUTPUT TYPE                      | Fixed                                                                                                                                                                                                                      |
| OUTPUT CONFIGURATION             | Positive                                                                                                                                                                                                                   |
| OTHER NAMES                      | MCP1804T-2502I/DBCT<br>MCP1804T2502IDB                                                                                                                                                                                     |
| 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 2.5V 100mA SOT-223-3                                                                                                                                                   |
| CURRENT - SUPPLY (MAX)           | 125µA                                                                                                                                                                                                                      |
| CURRENT - QUIESCENT (IQ)         | 105µA                                                                                                                                                                                                                      |
| CURRENT - OUTPUT                 | 100mA                                                                                                                                                                                                                      |
| CONTROL FEATURES                 | -                                                                                                                                                                                                                          |
| BASE PART NUMBER                 | MCP1804                                                                                                                                                                                                                    |

Related Tags

|                                                 |                                        |                                                          |
|-------------------------------------------------|----------------------------------------|----------------------------------------------------------|
| Micrel / Microchip Technology MCP1804T-2502I/DB | MCP1804T-2502I/DB Distributor          | MCP1804T-2502I/DB Supplier                               |
| MCP1804T-2502I/DB Price                         | MCP1804T-2502I/DB Pictures             | MCP1804T-2502I/DB Image                                  |
| MCP1804T-2502I/DB PDF Datasheet                 | MCP1804T-2502I/DB Download Datasheet   | MCP1804T-2502I/DB Datasheet                              |
| MCP1804T-2502I/DB Stock                         | Buy MCP1804T-2502I/DB                  | Buy Micrel / Microchip Technology MCP1804T-2502I/DB      |
| Micrel / Microchip Technology MCP1804T-2502I/DB | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor                |
| Micrel / Microchip Technology MCP1804T-2502I/DB | Microchip Technology MCP1804T-2502I/DB | Roving Networks / Microchip Technology MCP1804T-2502I/DB |

Related Products

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|  <div><b>MCP1804T-1802I/MB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 1.8V 100MA SOT89-3<br/>In stock: 200128 pcs<br/><div>RFQ</div></div> |  <div><b>MCP1804T-1802I/DB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LIN 1.8V 100MA SOT223-3<br/>In stock: 185067 pcs<br/><div>RFQ</div></div>   |
|  <div><b>MCP1804T-3002I/MB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3V 150MA SOT89-3<br/>In stock: 121186 pcs<br/><div>RFQ</div></div>   |  <div><b>MCP1804T-1802I/MT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 1.8V 100MA SOT89-5<br/>In stock: 128604 pcs<br/><div>RFQ</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<br/><div>RFQ</div></div> |  <div><b>MCP1802T-5002I/OT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 5V 300MA SOT23-5<br/>In stock: 229485 pcs<br/><div>RFQ</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<br/><div>RFQ</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<br/><div>RFQ</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<br/><div>RFQ</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<br/><div>RFQ</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<br/><div>RFQ</div></div> |  <div><b>MCP1802T-6002I/OT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 6V 300MA SOT23-5<br/>In stock: 233083 pcs<br/><div>RFQ</div></div>   |