



MCP1703T-2502E/MC

|                     |                                                                                                                                                                                                                                                   |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MCP1703T-2502E/MC                                                                                                                                                                                                                                 |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                                                                                                                                                     |
| Product description | IC REG LINEAR 2.5V 250MA 8DFN                                                                                                                                                                                                                     |
| Datasheets:         | <div><div>1.MCP1703T-2502E/MC.pdf</div><div>2.MCP1703T-2502E/MC.pdf</div></div> |
| RoHs Status         | <div><div>Lead free / RoHS Compliant</div></div>                                                                                                                 |
| Stock Condition     | 188727 pcs stock                                                                                                                                                                                                                                  |
| Ship From           | Hong Kong                                                                                                                                                                                                                                         |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                             |

REQUEST FOR QUOTATION

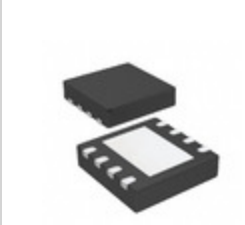
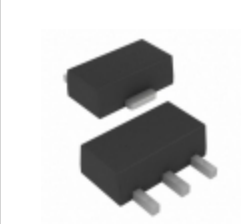
Specifications of MCP1703T-2502E/MC

|                                  |                                                                                                                                                                                                                                                       |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MCP1703T-2502E/MC                                                                                                                                                                                                                                     |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                         |
| DESCRIPTION                      | IC REG LINEAR 2.5V 250MA 8DFN                                                                                                                                                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                            |
| QUANTITY AVAILABLE               | 188727 pcs                                                                                                                                                                                                                                            |
| DATA SHEET                       | <div><div>1.MCP1703T-2502E/MC.pdf</div><div>2.MCP1703T-2502E/MC.pdf</div></div> |
| VOLTAGE DROPOUT (MAX)            | 1.1V @ 250mA                                                                                                                                                                                                                                          |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 2.5V                                                                                                                                                                                                                                                  |
| VOLTAGE - OUTPUT (MAX)           | -                                                                                                                                                                                                                                                     |
| VOLTAGE - INPUT (MAX)            | 16V                                                                                                                                                                                                                                                   |
| SUPPLIER DEVICE PACKAGE          | 8-DFN (2x3)                                                                                                                                                                                                                                           |
| SERIES                           | -                                                                                                                                                                                                                                                     |
| PROTECTION FEATURES              | Over Current, Over Temperature, Short Circuit                                                                                                                                                                                                         |
| PACKAGING                        | Tape & Reel (TR)                                                                                                                                                                                                                                      |
| PACKAGE / CASE                   | 8-VDFDN Exposed Pad                                                                                                                                                                                                                                   |
| PSRR                             | 44dB (100Hz)                                                                                                                                                                                                                                          |
| OUTPUT TYPE                      | Fixed                                                                                                                                                                                                                                                 |
| OUTPUT CONFIGURATION             | Positive                                                                                                                                                                                                                                              |
| OTHER NAMES                      | MCP1703T-2502E/MCTR                                                                                                                                                                                                                                   |
| 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 2.5V 250mA 8-DFN (2x3)                                                                                                                                                                            |
| CURRENT - QUIESCENT (IQ)         | 5µA                                                                                                                                                                                                                                                   |
| CURRENT - OUTPUT                 | 250mA                                                                                                                                                                                                                                                 |
| CONTROL FEATURES                 | -                                                                                                                                                                                                                                                     |
| BASE PART NUMBER                 | MCP1703                                                                                                                                                                                                                                               |

Related Tags

|                                                 |                                        |                                                          |
|-------------------------------------------------|----------------------------------------|----------------------------------------------------------|
| Micrel / Microchip Technology MCP1703T-2502E/MC | MCP1703T-2502E/MC Distributor          | MCP1703T-2502E/MC Supplier                               |
| MCP1703T-2502E/MC Price                         | MCP1703T-2502E/MC Pictures             | MCP1703T-2502E/MC Image                                  |
| MCP1703T-2502E/MC PDF Datasheet                 | MCP1703T-2502E/MC Download Datasheet   | MCP1703T-2502E/MC Datasheet                              |
| MCP1703T-2502E/MC Stock                         | Buy MCP1703T-2502E/MC                  | Buy Micrel / Microchip Technology MCP1703T-2502E/MC      |
| Micrel / Microchip Technology MCP1703T-2502E/MC | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor                |
| Micrel / Microchip Technology MCP1703T-2502E/MC | Microchip Technology MCP1703T-2502E/MC | Roving Networks / Microchip Technology MCP1703T-2502E/MC |

Related Products

|                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                             |
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| <div><div></div><div><b>MCP1703T-3002E/CBVAO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3V 250MA SOT23A-3<br/>In stock: 6434 pcs<br/><div>RFQ</div></div></div> | <div><div></div><div><b>MCP1703T-2802E/DB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LIN 2.8V 250MA SOT223-3<br/>In stock: 194392 pcs<br/><div>RFQ</div></div></div>   |
| <div><div></div><div><b>MCP1703T-1802E/MC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 1.8V 200MA 8DFN<br/>In stock: 210483 pcs<br/><div>RFQ</div></div></div>    | <div><div></div><div><b>MCP1703T-2502E/DB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3V 250MA SOT223-3<br/>In stock: 206193 pcs<br/><div>RFQ</div></div></div>  |
| <div><div></div><div><b>MCP1703T-2802E/CB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LIN 2.8V 250MA SOT23A-3<br/>In stock: 189312 pcs<br/><div>RFQ</div></div></div>   | <div><div></div><div><b>MCP1703T-3002E/CB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3V 250MA SOT23A-3<br/>In stock: 195614 pcs<br/><div>RFQ</div></div></div>  |
| <div><div></div><div><b>MCP1703T-2402E/DB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LIN 2.4V 200MA SOT223-3<br/>In stock: 174478 pcs<br/><div>RFQ</div></div></div>   | <div><div></div><div><b>MCP1703T-2502E/MB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 2.5V 250MA SOT89-3<br/>In stock: 247580 pcs<br/><div>RFQ</div></div></div> |
| <div><div></div><div><b>MCP1703T-2402E/CB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LIN 2.4V 200MA SOT23A-3<br/>In stock: 241189 pcs<br/><div>RFQ</div></div></div>   | <div><div></div><div><b>MCP1703T-2802E/MB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 2.8V 250MA SOT89-3<br/>In stock: 213554 pcs<br/><div>RFQ</div></div></div> |
| <div><div></div><div><b>MCP1703T-3002E/DB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3V 250MA SOT223-3<br/>In stock: 225701 pcs<br/><div>RFQ</div></div></div>  | <div><div></div><div><b>MCP1703T-2502E/CB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LIN 2.5V 250MA SOT23A-3<br/>In stock: 250507 pcs<br/><div>RFQ</div></div></div>   |