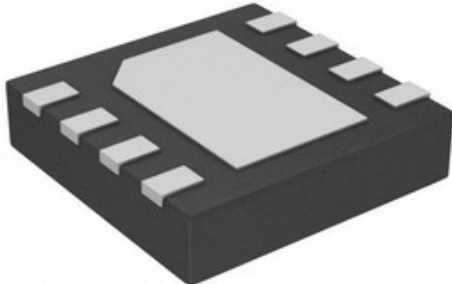




Micrel / Microchip Technology



MCP1727T-2502E/MF

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MCP1727T-2502E/MF                                                                                            |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC REG LINEAR 2.5V 1.5A 8DFN                                                                                 |
|                     |  1.MCP1727T-2502E/MF.pdf    |
|                     |  2.MCP1727T-2502E/MF.pdf    |
|                     |  3.MCP1727T-2502E/MF.pdf    |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

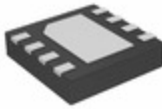
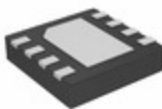
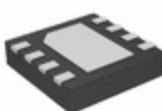
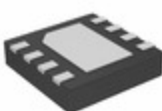
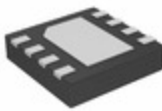
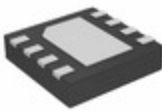
Specifications of MCP1727T-2502E/MF

|                                  |                                                                                                                                                                                                                                                                                                                                           |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MCP1727T-2502E/MF                                                                                                                                                                                                                                                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                             |
| DESCRIPTION                      | IC REG LINEAR 2.5V 1.5A 8DFN                                                                                                                                                                                                                                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                |
| DATA SHEET                       |  1.MCP1727T-2502E/MF.pdf<br> 2.MCP1727T-2502E/MF.pdf<br> 3.MCP1727T-2502E/MF.pdf |
| VOLTAGE DROPOUT (MAX)            | 0.55V @ 1.5A                                                                                                                                                                                                                                                                                                                              |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 2.5V                                                                                                                                                                                                                                                                                                                                      |
| VOLTAGE - OUTPUT (MAX)           | -                                                                                                                                                                                                                                                                                                                                         |
| VOLTAGE - INPUT (MAX)            | 6V                                                                                                                                                                                                                                                                                                                                        |
| SUPPLIER DEVICE PACKAGE          | 8-DFN-EP (3x3)                                                                                                                                                                                                                                                                                                                            |
| SERIES                           | -                                                                                                                                                                                                                                                                                                                                         |
| PROTECTION FEATURES              | Over Temperature, Short Circuit, Under Voltage Lockout (UVLO)                                                                                                                                                                                                                                                                             |
| PACKAGING                        | Tape & Reel (TR)                                                                                                                                                                                                                                                                                                                          |
| PACKAGE / CASE                   | 8-VDFN Exposed Pad                                                                                                                                                                                                                                                                                                                        |
| PSRR                             | 60dB (100Hz)                                                                                                                                                                                                                                                                                                                              |
| OUTPUT TYPE                      | Fixed                                                                                                                                                                                                                                                                                                                                     |
| OUTPUT CONFIGURATION             | Positive                                                                                                                                                                                                                                                                                                                                  |
| OTHER NAMES                      | MCP1727T-2502E/MF-ND<br>MCP1727T-2502E/MFTR                                                                                                                                                                                                                                                                                               |
| 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 1.5A 8-DFN-EP (3x3)                                                                                                                                                                                                                                                              |
| CURRENT - QUIESCENT (IQ)         | 220µA                                                                                                                                                                                                                                                                                                                                     |
| CURRENT - OUTPUT                 | 1.5A                                                                                                                                                                                                                                                                                                                                      |
| CONTROL FEATURES                 | Enable, Power Good                                                                                                                                                                                                                                                                                                                        |
| BASE PART NUMBER                 | MCP1727                                                                                                                                                                                                                                                                                                                                   |

Related Tags

|                                                 |                                        |                                                          |
|-------------------------------------------------|----------------------------------------|----------------------------------------------------------|
| Micrel / Microchip Technology MCP1727T-2502E/MF | MCP1727T-2502E/MF Distributor          | MCP1727T-2502E/MF Supplier                               |
| MCP1727T-2502E/MF Price                         | MCP1727T-2502E/MF Pictures             | MCP1727T-2502E/MF Image                                  |
| MCP1727T-2502E/MF PDF Datasheet                 | MCP1727T-2502E/MF Download Datasheet   | MCP1727T-2502E/MF Datasheet                              |
| MCP1727T-2502E/MF Stock                         | Buy MCP1727T-2502E/MF                  | Buy Micrel / Microchip Technology MCP1727T-2502E/MF      |
| Micrel / Microchip Technology MCP1727T-2502E/MF | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor                |
| Micrel / Microchip Technology MCP1727T-2502E/MF | Microchip Technology MCP1727T-2502E/MF | Roving Networks / Microchip Technology MCP1727T-2502E/MF |

Related Products

|                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MCP1727T-3302E/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3.3V 1.5A 8SOIC<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>MCP1727T-1202E/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 1.2V 1.5A 8SOIC<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>MCP1727T-1802E/MF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 1.8V 1.5A 8DFN<br/>In stock: Out stock<br/>RFQ</div>  |  <div><b>MCP1727T-0802E/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 0.8V 1.5A 8SOIC<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>MCP1727T-5002E/MF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 5V 1.5A 8DFN<br/>In stock: Out stock<br/>RFQ</div>    |  <div><b>MCP1727T-2502E/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 2.5V 1.5A 8SOIC<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>MCP1727T-1202E/MF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 1.2V 1.5A 8DFN<br/>In stock: Out stock<br/>RFQ</div>  |  <div><b>MCP1727T-3002E/MF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3V 1.5A 8DFN<br/>In stock: Out stock<br/>RFQ</div>    |
|  <div><b>MCP1727T-3002E/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3V 1.5A 8SOIC<br/>In stock: Out stock<br/>RFQ</div>   |  <div><b>MCP1727T-1802E/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 1.8V 1.5A 8SOIC<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>MCP1727T-3302E/MF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3.3V 1.5A 8DFN<br/>In stock: Out stock<br/>RFQ</div>  |  <div><b>MCP1727T-0802E/MF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 0.8V 1.5A 8DFN<br/>In stock: Out stock<br/>RFQ</div>  |