



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

MCP1725T-0802E/SN

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MCP1725T-0802E/SN                                                                                            |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC REG LINEAR 0.8V 500MA 8SOIC                                                                               |
| Datasheets:         |  1.MCP1725T-0802E/SN.pdf    |
|                     |  2.MCP1725T-0802E/SN.pdf    |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 222390 pcs stock                                                                                             |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

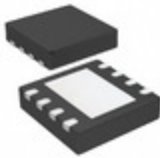
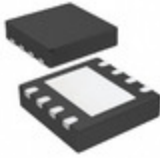
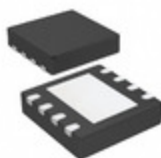
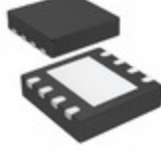
Specifications of MCP1725T-0802E/SN

|                                  |                                                                                                                                                                                                                            |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MCP1725T-0802E/SN                                                                                                                                                                                                          |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                              |
| DESCRIPTION                      | IC REG LINEAR 0.8V 500MA 8SOIC                                                                                                                                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                 |
| QUANTITY AVAILABLE               | 222390 pcs                                                                                                                                                                                                                 |
| DATA SHEET                       |  1.MCP1725T-0802E/SN.pdf<br> 2.MCP1725T-0802E/SN.pdf |
| VOLTAGE DROPOUT (MAX)            | 0.35V @ 500mA                                                                                                                                                                                                              |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 0.8V                                                                                                                                                                                                                       |
| VOLTAGE - OUTPUT (MAX)           | -                                                                                                                                                                                                                          |
| VOLTAGE - INPUT (MAX)            | 6V                                                                                                                                                                                                                         |
| SUPPLIER DEVICE PACKAGE          | 8-SOIC                                                                                                                                                                                                                     |
| SERIES                           | -                                                                                                                                                                                                                          |
| PROTECTION FEATURES              | Over Temperature, Short Circuit, Under Voltage Lockout (UVLO)                                                                                                                                                              |
| PACKAGING                        | Tape & Reel (TR)                                                                                                                                                                                                           |
| PACKAGE / CASE                   | 8-SOIC (0.154", 3.90mm Width)                                                                                                                                                                                              |
| PSRR                             | 60dB (100Hz)                                                                                                                                                                                                               |
| OUTPUT TYPE                      | Fixed                                                                                                                                                                                                                      |
| OUTPUT CONFIGURATION             | Positive                                                                                                                                                                                                                   |
| OTHER NAMES                      | MCP1725T-0802E/SNTR                                                                                                                                                                                                        |
| 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 0.8V 500mA 8-SOIC                                                                                                                                                      |
| CURRENT - QUIESCENT (IQ)         | 220µA                                                                                                                                                                                                                      |
| CURRENT - OUTPUT                 | 500mA                                                                                                                                                                                                                      |
| CONTROL FEATURES                 | Enable, Power Good                                                                                                                                                                                                         |
| BASE PART NUMBER                 | MCP1725                                                                                                                                                                                                                    |

Related Tags

|                                                 |                                        |                                                          |
|-------------------------------------------------|----------------------------------------|----------------------------------------------------------|
| Micrel / Microchip Technology MCP1725T-0802E/SN | MCP1725T-0802E/SN Distributor          | MCP1725T-0802E/SN Supplier                               |
| MCP1725T-0802E/SN Price                         | MCP1725T-0802E/SN Pictures             | MCP1725T-0802E/SN Image                                  |
| MCP1725T-0802E/SN PDF Datasheet                 | MCP1725T-0802E/SN Download Datasheet   | MCP1725T-0802E/SN Datasheet                              |
| MCP1725T-0802E/SN Stock                         | Buy MCP1725T-0802E/SN                  | Buy Micrel / Microchip Technology MCP1725T-0802E/SN      |
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Related Products

|                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                 |
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| <div></div> <div><b>MCP1725-5002E/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 5V 500MA 8SOIC<br/>In stock: 157700 pcs<br/><div>RFQ</div></div>    | <div></div> <div><b>MCP1725T-1202E/MC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 1.2V 500MA 8DFN<br/>In stock: 223062 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>MCP1725T-1802E/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 1.8V 500MA 8SOIC<br/>In stock: 245330 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>MCP1725T-1802E/MC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 1.8V 500MA 8DFN<br/>In stock: 201215 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>MCP1725-3302E/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3.3V 500MA 8SOIC<br/>In stock: 166147 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>MCP1725T-2502E/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 2.5V 500MA 8SOIC<br/>In stock: 227575 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>MCP1725-ADJE/MC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR POS ADJ 500MA 8DFN<br/>In stock: 173745 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>MCP1725-5002E/MC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 5V 500MA 8DFN<br/>In stock: 175083 pcs<br/><div>RFQ</div></div>     |
| <div></div> <div><b>MCP1725-ADJE/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LIN POS ADJ 500MA 8SOIC<br/>In stock: 200938 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>MCP1725T-2502E/MC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 2.5V 500MA 8DFN<br/>In stock: 214267 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>MCP1725T-0802E/MC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 0.8V 500MA 8DFN<br/>In stock: 266039 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>MCP1725T-1202E/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 1.2V 500MA 8SOIC<br/>In stock: 248106 pcs<br/><div>RFQ</div></div> |