

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

MCP1726-1802E/MF

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MCP1726-1802E/MF                                                                                             |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC REG LINEAR 1.8V 1A 8DFN                                                                                   |
|                     |  1.MCP1726-1802E/MF.pdf     |
|                     |  2.MCP1726-1802E/MF.pdf     |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 156738 pcs stock                                                                                             |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

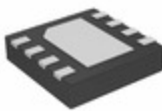
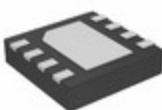
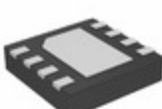
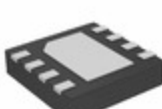
Specifications of MCP1726-1802E/MF

|                                  |                                                                                                                                                                                                                          |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MCP1726-1802E/MF                                                                                                                                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                            |
| DESCRIPTION                      | IC REG LINEAR 1.8V 1A 8DFN                                                                                                                                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                               |
| QUANTITY AVAILABLE               | 156738 pcs                                                                                                                                                                                                               |
| DATA SHEET                       |  1.MCP1726-1802E/MF.pdf<br> 2.MCP1726-1802E/MF.pdf |
| VOLTAGE DROPOUT (MAX)            | 0.5V @ 1A                                                                                                                                                                                                                |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 1.8V                                                                                                                                                                                                                     |
| 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                        | Tube                                                                                                                                                                                                                     |
| PACKAGE / CASE                   | 8-VDFN Exposed Pad                                                                                                                                                                                                       |
| PSRR                             | 54dB (100Hz)                                                                                                                                                                                                             |
| OUTPUT TYPE                      | Fixed                                                                                                                                                                                                                    |
| OUTPUT CONFIGURATION             | Positive                                                                                                                                                                                                                 |
| 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 1.8V 1A 8-DFN-EP (3x3)                                                                                                                                               |
| CURRENT - QUIESCENT (IQ)         | 220µA                                                                                                                                                                                                                    |
| CURRENT - OUTPUT                 | 1A                                                                                                                                                                                                                       |
| CONTROL FEATURES                 | Enable, Power Good                                                                                                                                                                                                       |
| BASE PART NUMBER                 | MCP1726                                                                                                                                                                                                                  |

Related Tags

|                                                |                                        |                                                         |
|------------------------------------------------|----------------------------------------|---------------------------------------------------------|
| Micrel / Microchip Technology MCP1726-1802E/MF | MCP1726-1802E/MF Distributor           | MCP1726-1802E/MF Supplier                               |
| MCP1726-1802E/MF Price                         | MCP1726-1802E/MF Pictures              | MCP1726-1802E/MF Image                                  |
| MCP1726-1802E/MF PDF Datasheet                 | MCP1726-1802E/MF Download Datasheet    | MCP1726-1802E/MF Datasheet                              |
| MCP1726-1802E/MF Stock                         | Buy MCP1726-1802E/MF                   | Buy Micrel / Microchip Technology MCP1726-1802E/MF      |
| Micrel / Microchip Technology MCP1726-1802E/MF | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor               |
| Micrel / Microchip Technology MCP1726-1802E/MF | Microchip Technology MCP1726-1802E/MF  | Roving Networks / Microchip Technology MCP1726-1802E/MF |

Related Products

|                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MCP1726-0802E/MF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 0.8V 1A 8DFN<br/>In stock: 150313 pcs<br/><div>RFQ</div></div>     |  <div><b>MCP1726-3302E/SNVAO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3.3V 1A 8SOIC<br/>In stock: 5204 pcs<br/><div>RFQ</div></div> |
|  <div><b>MCP1726-1202E/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 1.2V 1A 8SOIC<br/>In stock: 132976 pcs<br/><div>RFQ</div></div>    |  <div><b>MCP1726-1202E/MF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 1.2V 1A 8DFN<br/>In stock: 139009 pcs<br/><div>RFQ</div></div>   |
|  <div><b>MCP1726-1802E/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 1.8V 1A 8SOIC<br/>In stock: 196081 pcs<br/><div>RFQ</div></div>    |  <div><b>MCP1726-2502E/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 2.5V 1A 8SOIC<br/>In stock: 131124 pcs<br/><div>RFQ</div></div>  |
|  <div><b>MCP1725T-ADJE/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LIN POS ADJ 500MA 8SOIC<br/>In stock: 246784 pcs<br/><div>RFQ</div></div> |  <div><b>MCP1726-3302E/MF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3.3V 1A 8DFN<br/>In stock: 141159 pcs<br/><div>RFQ</div></div>   |
|  <div><b>MCP1726-2502E/MF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 2.5V 1A 8DFN<br/>In stock: 131009 pcs<br/><div>RFQ</div></div>     |  <div><b>MCP1726-1202E/SNVAO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 1.2V 1A 8SOIC<br/>In stock: 3896 pcs<br/><div>RFQ</div></div> |
|  <div><b>MCP1726-0802E/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 0.8V 1A 8SOIC<br/>In stock: 130161 pcs<br/><div>RFQ</div></div>    |  <div><b>MCP1726-3302E/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3.3V 1A 8SOIC<br/>In stock: 116336 pcs<br/><div>RFQ</div></div>  |