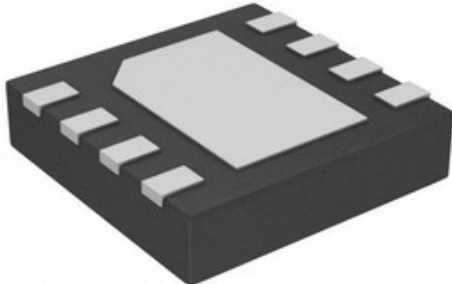




Micrel / Microchip Technology



MCP1727-ADJE/MF

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MCP1727-ADJE/MF                                                                                              |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC REG LINEAR POS ADJ 1.5A 8DFN                                                                              |
| Datasheets:         |  1.MCP1727-ADJE/MF.pdf      |
|                     |  2.MCP1727-ADJE/MF.pdf      |
|                     |  3.MCP1727-ADJE/MF.pdf      |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 119288 pcs stock                                                                                             |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

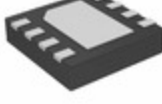
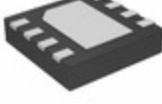
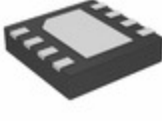
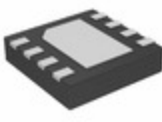
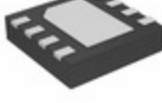
Specifications of MCP1727-ADJE/MF

|                                  |                                                                                                                                                                                                                                                                                                                                     |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MCP1727-ADJE/MF                                                                                                                                                                                                                                                                                                                     |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                       |
| DESCRIPTION                      | IC REG LINEAR POS ADJ 1.5A 8DFN                                                                                                                                                                                                                                                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                          |
| QUANTITY AVAILABLE               | 119288 pcs                                                                                                                                                                                                                                                                                                                          |
| DATA SHEET                       |  1.MCP1727-ADJE/MF.pdf<br> 2.MCP1727-ADJE/MF.pdf<br> 3.MCP1727-ADJE/MF.pdf |
| VOLTAGE DROPOUT (MAX)            | 0.55V @ 1.5A                                                                                                                                                                                                                                                                                                                        |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 0.8V                                                                                                                                                                                                                                                                                                                                |
| VOLTAGE - OUTPUT (MAX)           | 5V                                                                                                                                                                                                                                                                                                                                  |
| 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                             | 60dB (100Hz)                                                                                                                                                                                                                                                                                                                        |
| OUTPUT TYPE                      | Adjustable                                                                                                                                                                                                                                                                                                                          |
| OUTPUT CONFIGURATION             | Positive                                                                                                                                                                                                                                                                                                                            |
| OTHER NAMES                      | MCP1727ADJEMF                                                                                                                                                                                                                                                                                                                       |
| 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 Adjustable 1 Output 0.8 V ~ 5 V 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 MCP1727-ADJE/MF | MCP1727-ADJE/MF Distributor            | MCP1727-ADJE/MF Supplier                               |
| MCP1727-ADJE/MF Price                         | MCP1727-ADJE/MF Pictures               | MCP1727-ADJE/MF Image                                  |
| MCP1727-ADJE/MF PDF Datasheet                 | MCP1727-ADJE/MF Download Datasheet     | MCP1727-ADJE/MF Datasheet                              |
| MCP1727-ADJE/MF Stock                         | Buy MCP1727-ADJE/MF                    | Buy Micrel / Microchip Technology MCP1727-ADJE/MF      |
| Micrel / Microchip Technology MCP1727-ADJE/MF | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor              |
| Micrel / Microchip Technology MCP1727-ADJE/MF | Microchip Technology MCP1727-ADJE/MF   | Roving Networks / Microchip Technology MCP1727-ADJE/MF |

Related Products

|                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                    |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MCP1727-3302E/MF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3.3V 1.5A 8DFN<br/>In stock: 126973 pcs<br/><div>RFQ</div></div>    |  <div><b>MCP1727-3302E/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3.3V 1.5A 8SOIC<br/>In stock: 130042 pcs<br/><div>RFQ</div></div> |
|  <div><b>MCP1727-ADJE/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR POS ADJ 1.5A 8SOIC<br/>In stock: 118899 pcs<br/><div>RFQ</div></div> |  <div><b>MCP1727-5002E/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 5V 1.5A 8SOIC<br/>In stock: 150200 pcs<br/><div>RFQ</div></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: 129768 pcs<br/><div>RFQ</div></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: 171214 pcs<br/><div>RFQ</div></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: 166243 pcs<br/><div>RFQ</div></div>  |  <div><b>MCP1727-5002E/MF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 5V 1.5A 8DFN<br/>In stock: 169607 pcs<br/><div>RFQ</div></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: 154281 pcs<br/><div>RFQ</div></div>  |  <div><b>MCP1727-3002E/MF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3V 1.5A 8DFN<br/>In stock: 128560 pcs<br/><div>RFQ</div></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: 138545 pcs<br/><div>RFQ</div></div>   |  <div><b>MCP1727-3002E/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3V 1.5A 8SOIC<br/>In stock: 144156 pcs<br/><div>RFQ</div></div>   |