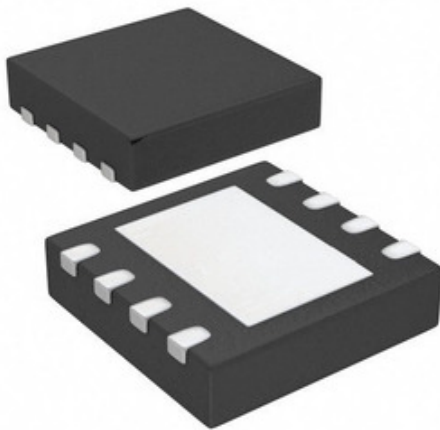


MICROCHIP

Micrel / Microchip Technology



MCP1755-1802E/MC

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MCP1755-1802E/MC                                                                                             |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC REG LINEAR 1.8V 300MA 8DFN                                                                                |
|                     |  1.MCP1755-1802E/MC.pdf     |
|                     |  2.MCP1755-1802E/MC.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.

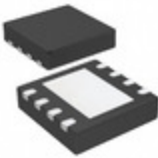
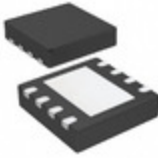
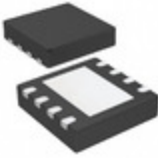
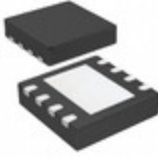
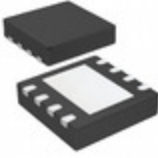
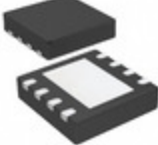
Specifications of MCP1755-1802E/MC

|                                  |                                                                                                                                                                                                                          |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MCP1755-1802E/MC                                                                                                                                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                            |
| DESCRIPTION                      | IC REG LINEAR 1.8V 300MA 8DFN                                                                                                                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                               |
| DATA SHEET                       |  1.MCP1755-1802E/MC.pdf<br> 2.MCP1755-1802E/MC.pdf |
| VOLTAGE DROPOUT (MAX)            | 0.5V @ 300mA                                                                                                                                                                                                             |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 1.8V                                                                                                                                                                                                                     |
| VOLTAGE - OUTPUT (MAX)           | -                                                                                                                                                                                                                        |
| VOLTAGE - INPUT (MAX)            | 16V                                                                                                                                                                                                                      |
| SUPPLIER DEVICE PACKAGE          | 8-DFN (2x3)                                                                                                                                                                                                              |
| SERIES                           | -                                                                                                                                                                                                                        |
| PROTECTION FEATURES              | Over Current, Over Temperature, Short Circuit, Under Voltage Lockout (UVLO)                                                                                                                                              |
| PACKAGING                        | Tube                                                                                                                                                                                                                     |
| PACKAGE / CASE                   | 8-VDFDN Exposed Pad                                                                                                                                                                                                      |
| PSRR                             | 80dB (1kHz)                                                                                                                                                                                                              |
| 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)                                                                                                                                                                                                            |
| MANUFACTURER STANDARD LEAD TIME  | 5 Weeks                                                                                                                                                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                               |
| DETAILED DESCRIPTION             | Linear Voltage Regulator IC Positive Fixed 1 Output 1.8V 300mA 8-DFN (2x3)                                                                                                                                               |
| CURRENT - SUPPLY (MAX)           | 400µA                                                                                                                                                                                                                    |
| CURRENT - QUIESCENT (IQ)         | 100µA                                                                                                                                                                                                                    |
| CURRENT - OUTPUT                 | 300mA                                                                                                                                                                                                                    |
| CONTROL FEATURES                 | Enable, Power Good                                                                                                                                                                                                       |
| BASE PART NUMBER                 | MCP1755                                                                                                                                                                                                                  |

Related Tags

|                                                |                                        |                                                         |
|------------------------------------------------|----------------------------------------|---------------------------------------------------------|
| Micrel / Microchip Technology MCP1755-1802E/MC | MCP1755-1802E/MC Distributor           | MCP1755-1802E/MC Supplier                               |
| MCP1755-1802E/MC Price                         | MCP1755-1802E/MC Pictures              | MCP1755-1802E/MC Image                                  |
| MCP1755-1802E/MC PDF Datasheet                 | MCP1755-1802E/MC Download Datasheet    | MCP1755-1802E/MC Datasheet                              |
| MCP1755-1802E/MC Stock                         | Buy MCP1755-1802E/MC                   | Buy Micrel / Microchip Technology MCP1755-1802E/MC      |
| Micrel / Microchip Technology MCP1755-1802E/MC | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor               |
| Micrel / Microchip Technology MCP1755-1802E/MC | Microchip Technology MCP1755-1802E/MC  | Roving Networks / Microchip Technology MCP1755-1802E/MC |

Related Products

|                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MCP1755S-3302E/DB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LIN 3.3V 300MA SOT223-3<br/>In stock: 32 pcs<br/>RFQ</div>         |  <div><b>MCP1755-5002E/MC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 5V 300MA 8DFN<br/>In stock: 685 pcs<br/>RFQ</div>      |
|  <div><b>MCP1754T-5002E/MC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 5V 150MA 8DFN<br/>In stock: Out stock<br/>RFQ</div>         |  <div><b>MCP1754T-3302E/MC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3.3V 150MA 8DFN<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>MCP1755S-1802E/MC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 1.8V 300MA 8DFN<br/>In stock: Out stock<br/>RFQ</div>       |  <div><b>MCP1755S-3302E/MC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3.3V 300MA 8DFN<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>MCP1754T-5002E/OT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 5V 150MA SOT23-5<br/>In stock: Out stock<br/>RFQ</div>      |  <div><b>MCP1755S-1802E/DB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LIN 1.8V 300MA SOT223-3<br/>In stock: 630 pcs<br/>RFQ</div>  |
|  <div><b>MCP1754T-3302E/OT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3.3V 150MA SOT23-5<br/>In stock: Out stock<br/>RFQ</div>    |  <div><b>MCP1755-3302E/MC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3.3V 300MA 8DFN<br/>In stock: 435 pcs<br/>RFQ</div>    |
|  <div><b>MCP1754T-3302E/OTVAO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3.3V 150MA SOT23-5<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>MCP1754T-5002E/DC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 5V 150MA SOT223<br/>In stock: Out stock<br/>RFQ</div> |