

MICROCHIP

Micrel / Microchip Technology



### MCP1755ST-1802E/DB

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MCP1755ST-1802E/DB                                                                                           |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC REG LIN 1.8V 300MA SOT223-3                                                                               |
| Datasheets:         |  1.MCP1755ST-1802E/DB.pdf   |
|                     |  2.MCP1755ST-1802E/DB.pdf   |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 124922 pcs stock                                                                                             |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

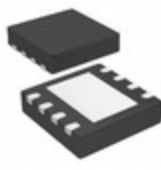
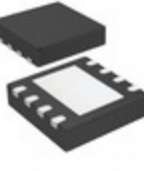
#### Specifications of MCP1755ST-1802E/DB

|                                  |                                                                                                                                                                                                                              |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MCP1755ST-1802E/DB                                                                                                                                                                                                           |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                |
| DESCRIPTION                      | IC REG LIN 1.8V 300MA SOT223-3                                                                                                                                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                   |
| QUANTITY AVAILABLE               | 124922 pcs                                                                                                                                                                                                                   |
| DATA SHEET                       |  1.MCP1755ST-1802E/DB.pdf<br> 2.MCP1755ST-1802E/DB.pdf |
| VOLTAGE DROPOUT (MAX)            | 0.5V @ 300mA                                                                                                                                                                                                                 |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 1.8V                                                                                                                                                                                                                         |
| VOLTAGE - OUTPUT (MAX)           | -                                                                                                                                                                                                                            |
| VOLTAGE - INPUT (MAX)            | 16V                                                                                                                                                                                                                          |
| SUPPLIER DEVICE PACKAGE          | SOT-223-3                                                                                                                                                                                                                    |
| SERIES                           | -                                                                                                                                                                                                                            |
| PROTECTION FEATURES              | Over Current, Over Temperature, Short Circuit                                                                                                                                                                                |
| PACKAGING                        | Cut Tape (CT)                                                                                                                                                                                                                |
| PACKAGE / CASE                   | TO-261-4, TO-261AA                                                                                                                                                                                                           |
| PSRR                             | 80dB (1kHz)                                                                                                                                                                                                                  |
| OUTPUT TYPE                      | Fixed                                                                                                                                                                                                                        |
| OUTPUT CONFIGURATION             | Positive                                                                                                                                                                                                                     |
| OTHER NAMES                      | MCP1755ST-1802E/DBCT                                                                                                                                                                                                         |
| 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 300mA SOT-223-3                                                                                                                                                     |
| CURRENT - SUPPLY (MAX)           | 400µA                                                                                                                                                                                                                        |
| CURRENT - QUIESCENT (IQ)         | 100µA                                                                                                                                                                                                                        |
| CURRENT - OUTPUT                 | 300mA                                                                                                                                                                                                                        |
| CONTROL FEATURES                 | -                                                                                                                                                                                                                            |
| BASE PART NUMBER                 | MCP1755                                                                                                                                                                                                                      |

#### Related Tags

|                                                  |                                         |                                                           |
|--------------------------------------------------|-----------------------------------------|-----------------------------------------------------------|
| Micrel / Microchip Technology MCP1755ST-1802E/DB | MCP1755ST-1802E/DB Distributor          | MCP1755ST-1802E/DB Supplier                               |
| MCP1755ST-1802E/DB Price                         | MCP1755ST-1802E/DB Pictures             | MCP1755ST-1802E/DB Image                                  |
| MCP1755ST-1802E/DB PDF Datasheet                 | MCP1755ST-1802E/DB Download Datasheet   | MCP1755ST-1802E/DB Datasheet                              |
| MCP1755ST-1802E/DB Stock                         | Buy MCP1755ST-1802E/DB                  | Buy Micrel / Microchip Technology MCP1755ST-1802E/DB      |
| Micrel / Microchip Technology MCP1755ST-1802E/DB | Micrel / Microchip Technology Supplier  | Micrel / Microchip Technology Distributor                 |
| Micrel / Microchip Technology MCP1755ST-1802E/DB | Microchip Technology MCP1755ST-1802E/DB | Roving Networks / Microchip Technology MCP1755ST-1802E/DB |

#### Related Products

|                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                    |
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|  <div><b>MCP1755S-3302E/MC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3.3V 300MA 8DFN<br/>In stock: 185985 pcs</div> <div>RFQ</div>   |  <div><b>MCP1755T-1802E/DC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LIN 1.8V 300MA SOT223-5<br/>In stock: 154362 pcs</div> <div>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: 164374 pcs</div> <div>RFQ</div>   |  <div><b>MCP1755ST-5002E/DB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 5V 300MA SOT223-3<br/>In stock: 142390 pcs</div> <div>RFQ</div> |
|  <div><b>MCP1755ST-3302E/MC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3.3V 300MA 8DFN<br/>In stock: 187449 pcs</div> <div>RFQ</div>  |  <div><b>MCP1755S-3302E/DB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LIN 3.3V 300MA SOT223-3<br/>In stock: 158762 pcs</div> <div>RFQ</div>   |
|  <div><b>MCP1755ST-3302E/DB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LIN 3.3V 300MA SOT223-3<br/>In stock: 132509 pcs</div> <div>RFQ</div> |  <div><b>MCP1755S-5002E/MC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 5V 300MA 8DFN<br/>In stock: 187909 pcs</div> <div>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: 139524 pcs</div> <div>RFQ</div>  |  <div><b>MCP1755ST-1802E/MC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 1.8V 300MA 8DFN<br/>In stock: 197889 pcs</div> <div>RFQ</div>   |
|  <div><b>MCP1755S-5002E/DB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 5V 300MA SOT223-3<br/>In stock: 137099 pcs</div> <div>RFQ</div> |  <div><b>MCP1755ST-5002E/MC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 5V 300MA 8DFN<br/>In stock: 208729 pcs</div> <div>RFQ</div>     |