



### MCP1755ST-3302E/MC

|                     |                                                                                                                                                                                                                          |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MCP1755ST-3302E/MC                                                                                                                                                                                                       |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                                                                                                                            |
| Product description | IC REG LINEAR 3.3V 300MA 8DFN                                                                                                                                                                                            |
| Datasheets:         |  1.MCP1755ST-3302E/MC.pdf<br> 2.MCP1755ST-3302E/MC.pdf |
| RoHs Status         |  Lead free / RoHS Compliant                                                                                                             |
| Stock Condition     | 187449 pcs stock                                                                                                                                                                                                         |
| Ship From           | Hong Kong                                                                                                                                                                                                                |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                    |

REQUEST FOR QUOTATION

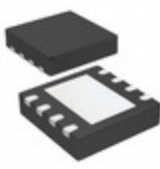
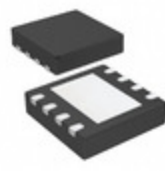
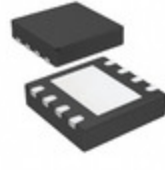
#### Specifications of MCP1755ST-3302E/MC

|                                  |                                                                                                                                                                                                                              |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MCP1755ST-3302E/MC                                                                                                                                                                                                           |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                |
| DESCRIPTION                      | IC REG LINEAR 3.3V 300MA 8DFN                                                                                                                                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                   |
| QUANTITY AVAILABLE               | 187449 pcs                                                                                                                                                                                                                   |
| DATA SHEET                       |  1.MCP1755ST-3302E/MC.pdf<br> 2.MCP1755ST-3302E/MC.pdf |
| VOLTAGE DROPOUT (MAX)            | 0.5V @ 300mA                                                                                                                                                                                                                 |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 3.3V                                                                                                                                                                                                                         |
| VOLTAGE - OUTPUT (MAX)           | -                                                                                                                                                                                                                            |
| VOLTAGE - INPUT (MAX)            | 16V                                                                                                                                                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 8-DFN (2x3)                                                                                                                                                                                                                  |
| SERIES                           | -                                                                                                                                                                                                                            |
| PROTECTION FEATURES              | Over Current, Over Temperature, Short Circuit                                                                                                                                                                                |
| PACKAGING                        | Tape & Reel (TR)                                                                                                                                                                                                             |
| 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)                                                                                                                                                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                   |
| DETAILED DESCRIPTION             | Linear Voltage Regulator IC Positive Fixed 1 Output 3.3V 300mA 8-DFN (2x3)                                                                                                                                                   |
| CURRENT - SUPPLY (MAX)           | 400μA                                                                                                                                                                                                                        |
| CURRENT - QUIESCENT (IQ)         | 100μA                                                                                                                                                                                                                        |
| CURRENT - OUTPUT                 | 300mA                                                                                                                                                                                                                        |
| CONTROL FEATURES                 | -                                                                                                                                                                                                                            |
| BASE PART NUMBER                 | MCP1755                                                                                                                                                                                                                      |

#### Related Tags

|                                                  |                                         |                                                           |
|--------------------------------------------------|-----------------------------------------|-----------------------------------------------------------|
| Micrel / Microchip Technology MCP1755ST-3302E/MC | MCP1755ST-3302E/MC Distributor          | MCP1755ST-3302E/MC Supplier                               |
| MCP1755ST-3302E/MC Price                         | MCP1755ST-3302E/MC Pictures             | MCP1755ST-3302E/MC Image                                  |
| MCP1755ST-3302E/MC PDF Datasheet                 | MCP1755ST-3302E/MC Download Datasheet   | MCP1755ST-3302E/MC Datasheet                              |
| MCP1755ST-3302E/MC Stock                         | Buy MCP1755ST-3302E/MC                  | Buy Micrel / Microchip Technology MCP1755ST-3302E/MC      |
| Micrel / Microchip Technology MCP1755ST-3302E/MC | Micrel / Microchip Technology Supplier  | Micrel / Microchip Technology Distributor                 |
| Micrel / Microchip Technology MCP1755ST-3302E/MC | Microchip Technology MCP1755ST-3302E/MC | Roving Networks / Microchip Technology MCP1755ST-3302E/MC |

#### Related Products

|                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                       |
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| <div>MICROCHIP</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></div> <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></div> <div><b>MCP1755T-3302E/DC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LIN 3.3V 300MA SOT223-5<br/>In stock: 162369 pcs</div> <div>RFQ</div>            | <div>MICROCHIP</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>MICROCHIP</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></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></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></div> <div><b>MCP1755T-1802E/OT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 1.8V 300MA SOT23-5<br/>In stock: 199442 pcs</div> <div>RFQ</div>         |
| <div></div> <div><b>MCP1755T-1802E/MC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 1.8V 300MA 8DFN<br/>In stock: 199786 pcs</div> <div>RFQ</div>             | <div>MICROCHIP</div> <div><b>MCP1755ST-1802E/DB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LIN 1.8V 300MA SOT223-3<br/>In stock: 124922 pcs</div> <div>RFQ</div> |
| <div></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>              | <div></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>           |