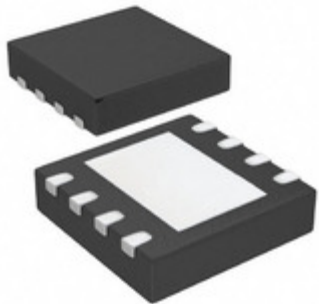


MCP1754ST-5002E/MC





Part Number: MCP1754ST-5002E/MC

Manufacturer: Micrel / Microchip Technology

Description: IC REG LINEAR 5V 150MA 8DFN

Data sheet:  [Portable Power Conversion Design Guide](#)  
 [MCP1754/S Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

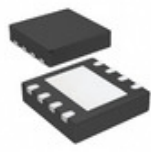
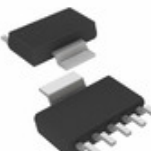
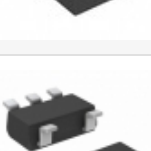
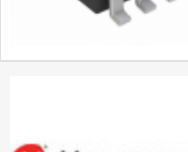
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
Buy MCP1754ST-5002E/MC with confidence from  
Component-World.HK, 1 Year Warranty

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                          |                                  |                                                                                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|----------------------------------|-----------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | MCP1754ST-5002E/MC                                                       | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a>                                                 |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | IC REG LINEAR 5V 150MA 8DFN                                              | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                    |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 118707 pcs                                                               | Data sheet                       | <a href="#">Portable Power Conversion Design Guide</a><br><a href="#">MCP1754/S Datasheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <a href="#">Integrated Circuits (ICs)</a>                                | Voltage Dropout (Max)            | 0.5V @ 150mA                                                                                  |
| Voltage - Output (Min/Fixed)                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 5V                                                                       | Voltage - Output (Max)           | -                                                                                             |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 16V                                                                      | Supplier Device Package          | 8-DFN (2x3)                                                                                   |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | -                                                                        | Protection Features              | Over Current, Over Temperature                                                                |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Tape & Reel (TR)                                                         | Package / Case                   | 8-VDFN Exposed Pad                                                                            |
| PSRR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 72dB (1kHz)                                                              | Output Type                      | Fixed                                                                                         |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Positive                                                                 | Other Names                      | MCP1754ST-5002E/MC-ND<br>MCP1754ST-5002E/MCTR                                                 |
| 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 5V 150mA 8-DFN (2x3) | Current - Supply (Max)           | 250µA                                                                                         |
| Current - Quiescent (Iq)                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 90µA                                                                     | Current - Output                 | 150mA                                                                                         |
| Control Features                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | -                                                                        | Base Part Number                 | MCP1754                                                                                       |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Micrel / Microchip Technology series electronic components. We have 118707 pieces of Micrel / Microchip Technology MCP1754ST-5002E/MC in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                                                          |                                  |                                                                                               |

| RELATED PRODUCTS                                                                   |                                                                                              |                                                              |                     |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|--------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">MCP1754ST-3302E/MC</a><br>Description: IC REG LINEAR 3.3V 150MA 8DFN      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MCP1754T-5002E/DC</a><br>Description: IC REG LINEAR 5V 150MA SOT223       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MCP1754ST-1802E/DB</a><br>Description: IC REG LDO 1.8V 0.15A SOT223-3     | Manufacturers: <a href="#">Microchip Technology</a>          | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MCP1754T-3302E/DC</a><br>Description: IC REG LINEAR 3.3V 150MA SOT223     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MCP1754ST-1802E/MC</a><br>Description: IC REG LINEAR 1.8V 150MA 8DFN      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MCP1754ST-3302E/CB</a><br>Description: IC REG LIN 3.3V 150MA SOT23A-3     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MCP1754T-3302E/OT</a><br>Description: IC REG LINEAR 3.3V 150MA SOT23-5    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MCP1754ST-1802E/MB</a><br>Description: IC REG LINEAR 1.8V 150MA SOT89-3   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MCP1754T-3302E/OTVAO</a><br>Description: IC REG LINEAR 3.3V 150MA SOT23-5 | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MCP1754T-5002E/MC</a><br>Description: IC REG LINEAR 5V 150MA 8DFN         | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MCP1754T-3302E/MC</a><br>Description: IC REG LINEAR 3.3V 150MA 8DFN       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MCP1754T-1802E/DC</a><br>Description: IC REG LINEAR 1.8V 150MA SOT223     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MCP1754ST-5002E/DB</a><br>Description: IC REG LINEAR 5V 150MA SOT223-3    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MCP1754T-1802E/MC</a><br>Description: IC REG LINEAR 1.8V 150MA 8DFN       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MCP1754T-1802E/OT</a><br>Description: IC REG LINEAR 1.8V 150MA SOT23-5    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MCP1754ST-3302E/DB</a><br>Description: IC REG LIN 3.3V 150MA SOT223-3     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MCP1754ST-5002E/MB</a><br>Description: IC REG LINEAR 5V 150MA SOT89-3     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MCP1754T-5002E/OT</a><br>Description: IC REG LINEAR 5V 150MA SOT23-5      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MCP1754ST-5002E/CB</a><br>Description: IC REG LINEAR 5V 150MA SOT23A-3    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MCP1754ST-3302E/MB</a><br>Description: IC REG LINEAR 3.3V 150MA SOT89-3   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |

|                                                  |                                                  |                                         |                                                              |
|--------------------------------------------------|--------------------------------------------------|-----------------------------------------|--------------------------------------------------------------|
| Related keywords for MCP1754ST-5002E/MC          |                                                  |                                         |                                                              |
| Micrel / Microchip Technology MCP1754ST-5002E/MC | MCP1754ST-5002E/MC distributor                   | MCP1754ST-5002E/MC supplier             | MCP1754ST-5002E/MC price                                     |
|                                                  | MCP1754ST-5002E/MC download datasheet            | MCP1754ST-5002E/MC datasheet            | MCP1754ST-5002E/MC stock                                     |
| buy MCP1754ST-5002E/MC                           | Micrel / Microchip Technology MCP1754ST-5002E/MC | Microchip Technology MCP1754ST-5002E/MC | Roving Networks / Microchip Technology<br>MCP1754ST-5002E/MC |

Reliable Stocking Distributor of Electronic Components © 2003-2021 Component-World.com All Rights Reserved.  
E-mail: [info@Components-World.com](mailto:info@Components-World.com)

