

MCP1700T-2702E/TT



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Part Number: [MCP1700T-2702E/TT](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC REG LINEAR 2.7V 250mA SOT23-3

Data sheet:  [Development Tools Catalog](#)  
 [Portable Power Conversion Design Guide](#)  
 [MCP1700 Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                         |                                  |                                                                                                                                          |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | MCP1700T-2702E/TT                                                       | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a>                                                                                            |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | IC REG LINEAR 2.7V 250mA SOT23-3                                        | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                               |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 214875 pcs                                                              | Data sheet                       | <a href="#">Development Tools Catalog</a><br><a href="#">Portable Power Conversion Design Guide</a><br><a href="#">MCP1700 Datasheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <a href="#">Integrated Circuits (ICs)</a>                               | Voltage Dropout (Max)            | 0.35V @ 250mA                                                                                                                            |
| Voltage - Output (Min/Fixed)                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 2.7V                                                                    | Voltage - Output (Max)           | -                                                                                                                                        |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 6V                                                                      | Supplier Device Package          | SOT-23-3                                                                                                                                 |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -                                                                       | Protection Features              | Over Current, Over Temperature, Short Circuit                                                                                            |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Tape & Reel (TR)                                                        | Package / Case                   | TO-236-3, SC-59, SOT-23-3                                                                                                                |
| PSRR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 44dB (100Hz)                                                            | Output Type                      | Fixed                                                                                                                                    |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Positive                                                                | Other Names                      | MCP1700T-2702E/TT-ND<br>MCP1700T-2702E/TTTR                                                                                              |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | -40°C ~ 125°C                                                           | Number of Regulators             | 1                                                                                                                                        |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Surface Mount                                                           | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                                                                                            |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 6 Weeks                                                                 | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                               |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Linear Voltage Regulator IC Positive Fixed 1 Output 2.7V 250mA SOT-23-3 | Current - Quiescent (Iq)         | 4µA                                                                                                                                      |
| Current - Output                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 250mA                                                                   | Control Features                 | -                                                                                                                                        |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | MCP1700                                                                 |                                  |                                                                                                                                          |
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| RELATED PRODUCTS                                                                   |                                                                                           |                                                              |                |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">MCP1700T-3102E/TT</a><br>Description: IC REG LINEAR 3.1V 250mA SOT23-3 | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1700T-2802E/TT</a><br>Description: IC REG LINEAR 2.8V 250mA SOT23-3 | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1700T-2702E/MB</a><br>Description: IC REG LINEAR 2.7V 250mA SOT89-3 | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1700T-2902E/MB</a><br>Description: IC REG LINEAR 2.9V 250mA SOT89-3 | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1700T-2602E/TT</a><br>Description: IC REG LINEAR 2.6V 250mA SOT23-3 | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1700T-3102E/MB</a><br>Description: IC REG LINEAR 3.1V 250mA SOT89-3 | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1700T-2802E/MB</a><br>Description: IC REG LINEAR 2.8V 250mA SOT89-3 | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1700T-3002E/MAY</a><br>Description: IC REG LINEAR 3V 250mA 6DFN     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1700T-2402E/MB</a><br>Description: IC REG LINEAR 2.4V 200MA SOT89-3 | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1700T-2502E/MB</a><br>Description: IC REG LINEAR 2.5V 250MA SOT89-3 | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1700T-2302E/MB</a><br>Description: IC REG LINEAR 2.3V 200MA SOT89-3 | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1700T-2902E/TT</a><br>Description: IC REG LINEAR 2.9V 250MA SOT23-3 | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1700T-3002E/MB</a><br>Description: IC REG LINEAR 3V 250MA SOT89-3   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1700T-2301E/TT</a><br>Description: IC REG LINEAR 2.3V 200MA SOT23-3 | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1700T-2302E/TT</a><br>Description: IC REG LINEAR 2.3V 200MA SOT23-3 | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1700T-2602E/MB</a><br>Description: IC REG LINEAR 2.6V 250MA SOT89-3 | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1700T-2402E/TT</a><br>Description: IC REG LINEAR 2.4V 200MA SOT23-3 | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1700T-3002E/TT</a><br>Description: IC REG LINEAR 3V 250MA SOT23-3   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1700T-3302E/MAY</a><br>Description: IC REG LINEAR 3.3V 250MA 6DFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1700T-2502E/TT</a><br>Description: IC REG LINEAR 2.5V 250MA SOT23-3 | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |

Related keywords for MCP1700T-2702E/TT

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