

MCP1710T-25I/LZ



Part Number: [MCP1710T-25I/LZ](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC REG LINEAR 2.5V 200mA 8VDFN

Data sheet:  [MCP1710 Datasheet](#)  
 [Portable Power Conversion Design Guide](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

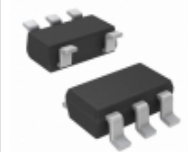
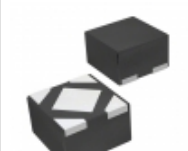
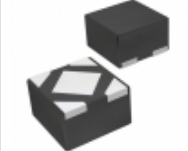
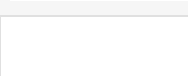
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| PRODUCT PARAMETER              |                                           |                                  |                                                                                             |
|--------------------------------|-------------------------------------------|----------------------------------|---------------------------------------------------------------------------------------------|
| Part Number                    | MCP1710T-25I/LZ                           | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a>                                               |
| Description                    | IC REG LINEAR 2.5V 200mA 8VDFN            | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                  |
| Quantity Available             | 5888 pcs                                  | Data sheet                       | <a href="#">MCP1710 Datasheet</a><br><a href="#">Portable Power Conversion Design Guide</a> |
| Category                       | <a href="#">Integrated Circuits (ICs)</a> | Voltage Dropout (Max)            | 0.45V @ 200mA                                                                               |
| Voltage - Output (Min/Fixed)   | 2.5V                                      | Voltage - Output (Max)           | -                                                                                           |
| Voltage - Input (Max)          | 5.5V                                      | Supplier Device Package          | 8-VDFN (2x2)                                                                                |
| Series                         | -                                         | Protection Features              | Over Current                                                                                |
| Packaging                      | Original-Reel®                            | Package / Case                   | 8-VDFN Exposed Pad                                                                          |
| PSRR                           | 22dB (100Hz)                              | Output Type                      | Fixed                                                                                       |
| Output Configuration           | Positive                                  | Other Names                      | MCP1710T-25I/LZDKR                                                                          |
| Operating Temperature          | -40°C ~ 85°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 2.5V 200mA 8-VDFN (2x2)                 |
| Current - Quiescent (Iq)       | 20nA                                      | Current - Output                 | 200mA                                                                                       |
| Control Features               | Enable                                    | Base Part Number                 | MCP1710                                                                                     |

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|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">MCP1710T-42I/LZ</a><br>Description: IC REG LINEAR 4.2V 100mA 8VDFN       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1703T-4502E/CB</a><br>Description: IC REG LIN 4.5V 250MA SOT23A-3     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1711T-18I/OT</a><br>Description: IC REG LINEAR 1.8V 150MA SOT23-5     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1703T-4002E/MC</a><br>Description: IC REG LINEAR 4V 250MA 8DFN        | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1711T-18I/5X</a><br>Description: IC REG LINEAR 1.8V 150MA 4UQFN       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1703T-5002E/MB</a><br>Description: IC REG LINEAR 5V 250MA SOT89-3     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1710T-30I/LZ</a><br>Description: IC REG LINEAR 3V 200MA 8VDFN         | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1703T-5002E/MC</a><br>Description: IC REG LINEAR 5V 250MA 8DFN        | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MCP1703T-5002E/CBVAO</a><br>Description: IC REG LINEAR 5V 250MA SOT23A-3 | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1711T-25I/5X</a><br>Description: IC REG LINEAR 2.5V 150MA 4UQFN       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1711T-22I/OT</a><br>Description: IC REG LINEAR 2.2V 150MA SOT23-5     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1710T-15I/LZ</a><br>Description: IC REG LINEAR 1.5V 200MA 8VDFN       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1710T-33I/LZ</a><br>Description: IC REG LINEAR 3.3V 200MA 8VDFN       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1703T-5002E/DB</a><br>Description: IC REG LINEAR 5V 250MA SOT223-3    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1703T-5002E/CB</a><br>Description: IC REG LINEAR 5V 250MA SOT23A-3    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1710T-12I/LZ</a><br>Description: IC REG LINEAR 1.2V 200MA 8VDFN       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1710T-18I/LZ</a><br>Description: IC REG LINEAR 1.8V 200MA 8VDFN       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1711T-12I/OT</a><br>Description: IC REG LINEAR 1.2V 150MA SOT23-5     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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