

MIC5512-2.8YMT-T5



Part Number: [MIC5512-2.8YMT-T5](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC REG LINEAR 2.8V 300mA 6TDFN

Data sheet:  [MIC5512,14 Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

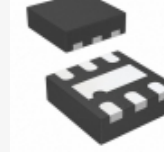
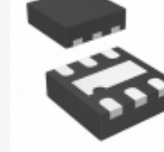
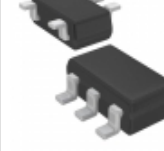
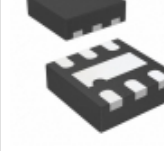
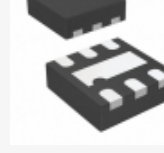
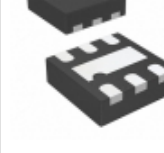
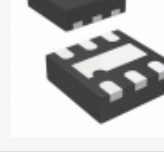
Ship From: Hong Kong

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Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                 |                                  |                                               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|----------------------------------|-----------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | MIC5512-2.8YMT-T5                                                               | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | IC REG LINEAR 2.8V 300mA 6TDFN                                                  | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                    |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 219781 pcs                                                                      | Data sheet                       | <a href="#">MIC5512,14 Datasheet</a>          |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <a href="#">Integrated Circuits (ICs)</a>                                       | Voltage Dropout (Max)            | 0.38V @ 300mA                                 |
| Voltage - Output (Min/Fixed)                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 2.8V                                                                            | Voltage - Output (Max)           | -                                             |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 5.5V                                                                            | Supplier Device Package          | 6-TDFN (1.6x1.6)                              |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -                                                                               | Protection Features              | -                                             |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Tape & Reel (TR)                                                                | Package / Case                   | 6-UFDNF Exposed Pad                           |
| PSRR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 65dB (1kHz)                                                                     | Output Type                      | Fixed                                         |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Positive                                                                        | Other Names                      | MIC5512-2.8YMTT5<br>MIC5512-2.8YMTT5-ND       |
| 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 2.8V 300mA 6-TDFN (1.6x1.6) | Current - Supply (Max)           | 65µA                                          |
| Current - Quiescent (Iq)                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 55µA                                                                            | Current - Output                 | 300mA                                         |
| Control Features                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Enable                                                                          | Base Part Number                 | MIC5512-2.8                                   |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Micrel / Microchip Technology series electronic components. We have 219781 pieces of Micrel / Microchip Technology MIC5512-2.8YMT-T5 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="#">MIC5512-3.3YMT-T5</a><br>Description: IC REG LINEAR 3.3V 300MA 6TDFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC5514-3.0YMT-T5</a><br>Description: IC REG LINEAR 3V 300MA 6TDFN     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC5504-3.3YMT-TR</a><br>Description: IC REG LINEAR 3.3V 300MA 4TDFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC5514-1.2YMT-TR</a><br>Description: IC REG LINEAR 1.2V 300MA 6TDFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC5504-3.1YMT-TZ</a><br>Description: IC REG LINEAR 3.1V 300MA 4TDFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC5512-2.8YMT-TR</a><br>Description: IC REG LINEAR 2.8V 300MA 6TDFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC5504-3.3YM5-TR</a><br>Description: IC REG LINEAR 3.3V 300MA SOT23-5 | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC5512-1.2YMT-T5</a><br>Description: IC REG LINEAR 1.2V 300MA 6TDFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC5504-3.3YMT-T5</a><br>Description: IC REG LINEAR 3.3V 300MA 4TDFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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Related keywords for MIC5512-2.8YMT-T5

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