

LD2981CU50TR



  
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**Part Number:** [LD2981CU50TR](#)

**Manufacturer:** [STMicroelectronics](#)

**Description:** IC REG LINEAR 5V 100MA SOT89-3

**Data sheet:**  [LD2981\(AB,C\)xx](#)

**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 LD2981CU50TR with confidence from Component-World.HK, 1 Year Warranty

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                |                                                                       |                                  |                                    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|----------------------------------|------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                      | LD2981CU50TR                                                          | Manufacturer                     | <a href="#">STMicroelectronics</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                      | IC REG LINEAR 5V 100MA SOT89-3                                        | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant         |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                               | 269100 pcs                                                            | Data sheet                       | <a href="#">LD2981(AB,C)xx</a>     |
| Category                                                                                                                                                                                                                                                                                                                                                                                                         | <a href="#">Integrated Circuits (ICs)</a>                             | Voltage Dropout (Max)            | 0.375V @ 100mA                     |
| Voltage - Output (Min/Fixed)                                                                                                                                                                                                                                                                                                                                                                                     | 5V                                                                    | Voltage - Output (Max)           | -                                  |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                            | 16V                                                                   | Supplier Device Package          | SOT-89-3                           |
| Series                                                                                                                                                                                                                                                                                                                                                                                                           | -                                                                     | Protection Features              | Over Current, Over Temperature     |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                        | Tape & Reel (TR)                                                      | Package / Case                   | TO-243AA                           |
| PSRR                                                                                                                                                                                                                                                                                                                                                                                                             | 63dB (1kHz)                                                           | Output Type                      | Fixed                              |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                             | Positive                                                              | Other Names                      | 497-3484-2                         |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                            | -40°C ~ 125°C                                                         | Number of Regulators             | 1                                  |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                    | Surface Mount                                                         | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                      |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                  | 18 Weeks                                                              | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant         |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                             | Linear Voltage Regulator IC Positive Fixed 1 Output 5V 100mA SOT-89-3 | Current - Supply (Max)           | 2.6mA                              |
| Current - Quiescent (Iq)                                                                                                                                                                                                                                                                                                                                                                                         | 150µA                                                                 | Current - Output                 | 100mA                              |
| Control Features                                                                                                                                                                                                                                                                                                                                                                                                 | -                                                                     | Base Part Number                 | LD2981C                            |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all STMicroelectronics series electronic components. We have 269100 pieces of STMicroelectronics LD2981CU50TR 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: info@Components-World.com |                                                                       |                                  |                                    |

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|  | Part#: <a href="#">LD2981ABU18TR</a><br>Description: IC REG LINEAR 1.8V 100MA SOT89-3 | Manufacturers: <a href="#">STMicroelectronics</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LD2982AM31R</a><br>Description: IC REG LINEAR 3.1V 50MA SOT23-5    | Manufacturers: <a href="#">STMicroelectronics</a> | <div>RFQ</div> |
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