

SI-3012LU



**Part Number:** [SI-3012LU](#)

**Manufacturer:** [Sanken Electric Co., Ltd.](#)

**Description:** IC REG LIN POS ADJ 250MA SOT89-5

**Data sheet:**  [SI-3000LU Series](#)

**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

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

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See Product Specifications for product details.  
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| PRODUCT PARAMETER               |                                                                                      |                                  |                                           |
|---------------------------------|--------------------------------------------------------------------------------------|----------------------------------|-------------------------------------------|
| Part Number                     | SI-3012LU                                                                            | Manufacturer                     | <a href="#">Sanken Electric Co., Ltd.</a> |
| Description                     | IC REG LIN POS ADJ 250MA SOT89-5                                                     | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                |
| Quantity Available              | 174553 pcs                                                                           | Data sheet                       | <a href="#">SI-3000LU Series</a>          |
| Category                        | <a href="#">Integrated Circuits (ICs)</a>                                            | Voltage Dropout (Max)            | 0.5V @ 250mA                              |
| Voltage - Output (Min/Fixed)    | 1.5V                                                                                 | Voltage - Output (Max)           | 15V                                       |
| Voltage - Input (Max)           | 17V                                                                                  | Supplier Device Package          | SOT-89-5                                  |
| Series                          | -                                                                                    | Protection Features              | Over Current, Over Temperature            |
| Packaging                       | Tape & Reel (TR)                                                                     | Package / Case                   | SOT-89-5/6                                |
| PSRR                            | 55dB (100Hz ~ 120Hz)                                                                 | Output Type                      | Adjustable                                |
| Output Configuration            | Positive                                                                             | Other Names                      | SI-3012LU DK                              |
| Operating Temperature           | -40°C ~ 125°C                                                                        | Number of Regulators             | 1                                         |
| Mounting Type                   | Surface Mount                                                                        | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                             |
| Manufacturer Standard Lead Time | 12 Weeks                                                                             | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                |
| Detailed Description            | Linear Voltage Regulator IC Positive Adjustable 1 Output 1.5 V ~ 15 V 250mA SOT-89-5 | Current - Quiescent (Iq)         | 150µA                                     |
| Current - Output                | 250mA                                                                                | Control Features                 | Enable                                    |

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|  | Part#: <a href="#">SI-3012KS-TL</a><br>Description: IC REG LINEAR POS ADJ 1A 8SOP     | Manufacturers: <a href="#">Sanken Electric Co., Ltd.</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">SI-3033KD</a><br>Description: IC REG LINEAR 3.3V 1A TO263-5        | Manufacturers: <a href="#">Sanken Electric Co., Ltd.</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">SI-3012LU-TL</a><br>Description: IC REG LIN POS ADJ 250MA SOT89-5  | Manufacturers: <a href="#">Sanken Electric Co., Ltd.</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">SI-3025LSA-TL</a><br>Description: IC REG LINEAR 2.5V 1A 8SOP       | Manufacturers: <a href="#">Sanken Electric Co., Ltd.</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">SI-3012KD</a><br>Description: IC REG LINEAR POS ADJ 1A TO263-5     | Manufacturers: <a href="#">Sanken Electric Co., Ltd.</a> | <a href="#">RFQ</a> |
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