

S-812C31AY-B-G



**Part Number:** S-812C31AY-B-G

**Manufacturer:** SII Semiconductor Corporation

**Description:** IC REG LINEAR 3.1V 50MA TO92-3

**Data sheet:**  [S-812C Series](#)

**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.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                       |                                |                                               |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|--------------------------------|-----------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                            | S-812C31AY-B-G                                                        | Manufacturer                   | <a href="#">SII Semiconductor Corporation</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                            | IC REG LINEAR 3.1V 50MA TO92-3                                        | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                    |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                     | 4837 pcs                                                              | Data sheet                     | <a href="#">S-812C Series</a>                 |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                               | <a href="#">Integrated Circuits (ICs)</a>                             | Voltage Dropout (Max)          | 0.41V @ 10mA                                  |
| Voltage - Output (Min/Fixed)                                                                                                                                                                                                                                                                                                                                                                                                           | 3.1V                                                                  | Voltage - Output (Max)         | -                                             |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                  | 16V                                                                   | Supplier Device Package        | TO-92-3                                       |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                 | S-812C                                                                | Protection Features            | -                                             |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                              | Bulk                                                                  | Package / Case                 | TO-226-3, TO-92-3 (TO-226AA)                  |
| PSRR                                                                                                                                                                                                                                                                                                                                                                                                                                   | -                                                                     | Output Type                    | Fixed                                         |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                   | Positive                                                              | Operating Temperature          | -40°C ~ 85°C (TA)                             |
| Number of Regulators                                                                                                                                                                                                                                                                                                                                                                                                                   | 1                                                                     | Mounting Type                  | Through Hole                                  |
| 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 3.1V 50mA TO-92-3 | Current - Supply (Max)         | 1.8µA                                         |
| Current - Quiescent (Iq)                                                                                                                                                                                                                                                                                                                                                                                                               | 500nA                                                                 | Current - Output               | 50mA                                          |
| Control Features                                                                                                                                                                                                                                                                                                                                                                                                                       | -                                                                     |                                |                                               |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all SII Semiconductor Corporation series electronic components. We have 4837 pieces of SII Semiconductor Corporation S-812C31AY-B-G 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 |                                                                       |                                |                                               |

| RELATED PRODUCTS                                                                   |                                                                                           |                                                              |                |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">S-812C30AY-B2-U</a><br>Description: IC REG LINEAR 3V 50MA TO92-3       | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-812C30AY-Z2-U</a><br>Description: IC REG LINEAR 3V 50MA TO92-3       | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-812C32AY-B-G</a><br>Description: IC REG LINEAR 3.2V 50MA TO92-3      | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-812C31AMC-C2LT2U</a><br>Description: IC REG LINEAR 3.1V 50MA SOT23-5 | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-812C31BMC-C4LT2U</a><br>Description: IC REG LINEAR 3.1V 50MA SOT23-5 | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-812C31AMC-C2LT2G</a><br>Description: IC REG LINEAR 3.1V 50MA SOT23-5 | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-812C30BMC-C4KT2U</a><br>Description: IC REG LINEAR 3V 50MA SOT23-5   | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-812C32AMC-C2MT2U</a><br>Description: IC REG LINEAR 3.2V 50MA SOT23-5 | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-812C32AMC-C2MT2G</a><br>Description: IC REG LINEAR 3.2V 50MA SOT23-5 | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-812C30BMC-C4KT2G</a><br>Description: IC REG LINEAR 3V 50MA SOT23-5   | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-812C31AUA-C2LT2G</a><br>Description: IC REG LINEAR 3.1V 50MA SOT89-3 | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-812C32AUA-C2MT2G</a><br>Description: IC REG LINEAR 3.2V 50MA SOT89-3 | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-812C31AY-Z2-U</a><br>Description: IC REG LINEAR 3.1V 50MA TO92-3     | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-812C31BPI-C4LTFG</a><br>Description: IC REG LINEAR 3.1V 50MA SNT6A   | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-812C31BPI-C4LTFU</a><br>Description: IC REG LINEAR 3.1V 50MA SNT6A   | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-812C31AUA-C2LT2U</a><br>Description: IC REG LINEAR 3.1V 50MA SOT89-3 | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-812C32AUA-C2MT2U</a><br>Description: IC REG LINEAR 3.2V 50MA SOT89-3 | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">S-812C30BPI-C4KTFU</a><br>Description: IC REG LINEAR 3V 50MA SNT6A     | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |

| Related keywords for S-812C31AY-B-G          |                            |                         |                      |
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