

S-1132B31-U5T1U



SII Semiconductor Corporation

Part Number: [S-1132B31-U5T1U](#)

Manufacturer: [SII Semiconductor Corporation](#)

Description: IC REG LINEAR 3.1V 300mA SOT89-5

Data sheet:  [S-1132 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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Component-World.HK, 1 Year Warranty

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                           |                                 |                                                                         |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|-------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | S-1132B31-U5T1U                           | Manufacturer                    | <a href="#">SII Semiconductor Corporation</a>                           |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | IC REG LINEAR 3.1V 300mA SOT89-5          | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                              |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 155056 pcs                                | Data sheet                      | <a href="#">S-1132 Series</a>                                           |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Integrated Circuits (ICs)</a> | Voltage Dropout (Max)           | 0.19V @ 100mA                                                           |
| Voltage - Output (Min/Fixed)                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 3.1V                                      | Voltage - Output (Max)          | -                                                                       |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 6.5V                                      | Supplier Device Package         | SOT-89-5                                                                |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | S-1132                                    | Protection Features             | Over Current                                                            |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Tape & Reel (TR)                          | Package / Case                  | SOT-89-5/6                                                              |
| PSRR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 65dB (1kHz)                               | Output Type                     | Fixed                                                                   |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Positive                                  | Operating Temperature           | -40°C ~ 85°C (TA)                                                       |
| Number of Regulators                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1                                         | Mounting Type                   | Surface Mount                                                           |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1 (Unlimited)                             | Manufacturer Standard Lead Time | 20 Weeks                                                                |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Lead free / RoHS Compliant                | Detailed Description            | Linear Voltage Regulator IC Positive Fixed 1 Output 3.1V 300mA SOT-89-5 |
| Current - Supply (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 40µA                                      | Current - Quiescent (Iq)        | 1µA                                                                     |
| Current - Output                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 300mA                                     | Control Features                | Enable                                                                  |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all SII Semiconductor Corporation series electronic components. We have 155056 pieces of SII Semiconductor Corporation S-1132B31-U5T1U 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="#">S-1132B31-U5T1G</a><br>Description: IC REG LINEAR 3.1V 300mA SOT89-5 | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-1132B30-U5T1U</a><br>Description: IC REG LINEAR 3V 300mA SOT89-5   | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-1132B31-M5T1U</a><br>Description: IC REG LINEAR 3.1V 300mA SOT23-5 | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-1132B32-M5T1G</a><br>Description: IC REG LINEAR 3.2V 300mA SOT23-5 | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-1132B31-M5T1G</a><br>Description: IC REG LINEAR 3.1V 300mA SOT23-5 | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-1132B33-M5T1U</a><br>Description: IC REG LINEAR 3.3V 300mA SOT23-5 | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-1132B31-I6T2U</a><br>Description: IC REG LINEAR 3.1V 300mA SNT6A   | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
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