

S-13A1C31-E6T1U3



SII

SII Semiconductor Corporation

Part Number:

S-13A1C31-E6T1U3

Manufacturer:

SII Semiconductor Corporation

Description:

IC REG LINEAR 3.1V 1A 6HSOP

Data sheet:

 [S-13A1 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-13A1C31-E6T1U3                          | Manufacturer                    | <a href="#">SII Semiconductor Corporation</a>                      |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | IC REG LINEAR 3.1V 1A 6HSOP               | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                         |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 103138 pcs                                | Data sheet                      | <a href="#">S-13A1 Series</a>                                      |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <a href="#">Integrated Circuits (ICs)</a> | Voltage Dropout (Max)           | 0.1V @ 300mA                                                       |
| Voltage - Output (Min/Fixed)                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 3.1V                                      | Voltage - Output (Max)          | -                                                                  |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 5.5V                                      | Supplier Device Package         | 6-HSOP                                                             |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | S-13A1                                    | Protection Features             | Inrush Current Limit, Over Current, Thermal Shutdown               |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Tape & Reel (TR)                          | Package / Case                  | 6-SOIC Variation (0.154", 3.9mm Width), 4 Leads + 2 Fins           |
| PSRR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 60dB (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 1A 6-HSOP |
| Current - Supply (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 90µA                                      | Current - Quiescent (Iq)        | 1µA                                                                |
| Current - Output                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1A                                        | 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 103138 pieces of SII Semiconductor Corporation S-13A1C31-E6T1U3 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-13A1C2J-E6T1U3</a><br>Description: IC REG LINEAR 2.85V 1A 6HSOP   | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-13A1C33-A6T1U3</a><br>Description: IC REG LINEAR 3.3V 1A HSNT6A   | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-13A1C33-U5T1U3</a><br>Description: IC REG LINEAR 3.3V 1A SOT89-5  | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-13A1C34-A6T1U3</a><br>Description: IC REG LINEAR 3.4V 1A HSNT6A   | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-13A1C29-E6T1U3</a><br>Description: IC REG LINEAR 2.9V 1A 6HSOP    | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-13A1C32-A6T1U3</a><br>Description: IC REG LINEAR 3.2V 1A HSNT6A   | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-13A1C32-U5T1U3</a><br>Description: IC REG LINEAR 3.2V 1A SOT89-5  | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-13A1C30-A6T1U3</a><br>Description: IC REG LINEAR 3V 1A HSNT6A     | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-13A1C32-E6T1U3</a><br>Description: IC REG LINEAR 3.2V 1A 6HSOP    | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-13A1C30-E6T1U3</a><br>Description: IC REG LINEAR 3V 1A 6HSOP      | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-13A1C31-A6T1U3</a><br>Description: IC REG LINEAR 3.1V 1A HSNT6A   | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-13A1C29-A6T1U3</a><br>Description: IC REG LINEAR 2.9V 1A HSNT6A   | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-13A1C29-U5T1U3</a><br>Description: IC REG LINEAR 2.9V 1A SOT89-5  | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-13A1C2J-U5T1U3</a><br>Description: IC REG LINEAR 2.85V 1A SOT89-5 | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">S-13A1C31-U5T1U3</a><br>Description: IC REG LINEAR 3.1V 1A SOT89-5  | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-13A1C33-E6T1U3</a><br>Description: IC REG LINEAR 3.3V 1A 6HSOP    | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |

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