

S-13A1A12-E6T1U3



SIISII Semiconductor Corporation

Part Number: S-13A1A12-E6T1U3

Manufacturer: SII Semiconductor Corporation

Description: IC REG LINEAR 1.2V 1A 6HSOP

Data sheet:  [S-13A1 Series](#)

RoHs Status: Lead free / RoHS Compliant

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                |                                  |                                                          |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|----------------------------------|----------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                | S-13A1A12-E6T1U3                               | Manufacturer                     | <a href="#">SII Semiconductor Corporation</a>            |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                | IC REG LINEAR 1.2V 1A 6HSOP                    | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                               |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                         | 110023 pcs                                     | Data sheet                       | <a href="#">S-13A1 Series</a>                            |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                   | <a href="#">Integrated Circuits (ICs)</a>      | Voltage Dropout (Max)            | 0.38V @ 300mA                                            |
| Voltage - Output (Min/Fixed)                                                                                                                                                                                                                                                                                                                                                                                                               | 1.2V                                           | 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                                                                                                                                                                                                                                                                                                                                                                                                                                  | Original-Reel®                                 | Package / Case                   | 6-SOIC Variation (0.154", 3.9mm Width), 4 Leads + 2 Fins |
| PSRR                                                                                                                                                                                                                                                                                                                                                                                                                                       | 65dB (1kHz)                                    | Output Type                      | Fixed                                                    |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                       | Positive                                       | Other Names                      | 1662-3133-6                                              |
| 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 1 Output 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 110023 pieces of SII Semiconductor Corporation S-13A1A12-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: info@Components-World.com |                                                |                                  |                                                          |

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|  | Part#: <a href="#">S-13A1A13-E6T1U3</a><br>Description: IC REG LINEAR 1.3V 1A 6HSOP      | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-13A1A10-A6T1U3</a><br>Description: IC REG LINEAR 1V 1A HSNT6A       | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-13A1A10-U5T1U3</a><br>Description: IC REG LINEAR 1V 1A SOT89-5      | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-13A1A14-A6T1U3</a><br>Description: IC REG LINEAR 1.4V 1A HSNT6A     | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-13A1A11-A6T1U3</a><br>Description: IC REG LINEAR 1.1V 1A HSNT6A     | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-13A1A14-U5T1U3</a><br>Description: IC REG LINEAR 1.4V 1A SOT89-5    | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-13A1A13-A6T1U3</a><br>Description: IC REG LINEAR 1.3V 1A HSNT6A     | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-13A1A00-E6T1U3</a><br>Description: IC REG LINEAR POS ADJ 1A 6HSOP   | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-13A1A14-E6T1U3</a><br>Description: IC REG LINEAR 1.4V 1A 6HSOP      | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-13A1A15-E6T1U3</a><br>Description: IC REG LINEAR 1.5V 1A 6HSOP      | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-13A1A12-E8T1U3</a><br>Description: IC REG LINEAR 1.2V 1A 8HSOPA     | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-13A1A11-U5T1U3</a><br>Description: IC REG LINEAR 1.1V 1A SOT89-5    | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-13A1A10-E6T1U3</a><br>Description: IC REG LINEAR 1V 1A 6HSOP        | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-13A1A13-U5T1U3</a><br>Description: IC REG LINEAR 1.3V 1A SOT89-5    | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-13A1A00-U5T1U3</a><br>Description: IC REG LINEAR POS ADJ 1A SOT89-5 | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-13A1A15-A6T1U3</a><br>Description: IC REG LINEAR 1.5V 1A HSNT6A     | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">S-13A1A11-E8T1U3</a><br>Description: IC REG LINEAR 1.1V 1A 8HSOPA     | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-13A1A12-A6T1U3</a><br>Description: IC REG LINEAR 1.2V 1A HSNT6A     | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-13A1A12-U5T1U3</a><br>Description: IC REG LINEAR 1.2V 1A SOT89-5    | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |

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