

S-1312D31-M5T1U3



SII

SII Semiconductor Corporation

Part Number:

S-1312D31-M5T1U3

Manufacturer:

SII Semiconductor Corporation

Description:

IC REG LINEAR 3.1V 150mA SOT23-5

Data sheet:

 [S-1312 Series](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

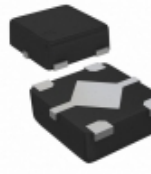
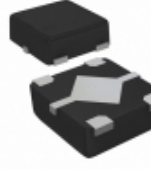
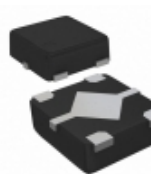
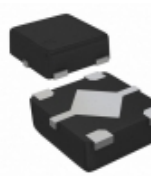
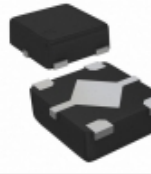
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Images are for reference only.  
See Product Specifications for product details.  
Buy S-1312D31-M5T1U3 with confidence from  
Component-World.HK, 1 Year Warranty

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                           |                                 |                                                                         |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|-------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | S-1312D31-M5T1U3                          | Manufacturer                    | <a href="#">SII Semiconductor Corporation</a>                           |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | IC REG LINEAR 3.1V 150mA SOT23-5          | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                              |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 214216 pcs                                | Data sheet                      | <a href="#">S-1312 Series</a>                                           |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <a href="#">Integrated Circuits (ICs)</a> | Voltage Dropout (Max)           | 0.28V @ 100mA                                                           |
| Voltage - Output (Min/Fixed)                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 3.1V                                      | Voltage - Output (Max)          | -                                                                       |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 5.5V                                      | Supplier Device Package         | SOT-23-5                                                                |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | S-1312                                    | Protection Features             | Overcurrent, Thermal Shutdown                                           |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Tape & Reel (TR)                          | Package / Case                  | SC-74A, SOT-753                                                         |
| 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 150mA SOT-23-5 |
| Current - Supply (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 30μA                                      | Current - Quiescent (Iq)        | 1μA                                                                     |
| Current - Output                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 150mA                                     | 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 214216 pieces of SII Semiconductor Corporation S-1312D31-M5T1U3 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-1312D31-A4T2U3</a><br>Description: IC REG LINEAR 3.1V 150MA HSNT4-B | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-1312D32-A4T2U3</a><br>Description: IC REG LINEAR 3.2V 150MA HSNT4-B | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-1312D30-M5T1U3</a><br>Description: IC REG LINEAR 3V 150MA SOT23-5   | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-1312D32-A4T1U3</a><br>Description: IC REG LINEAR 3.2V 150MA HSNT4-A | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-1312D30-A4T2U3</a><br>Description: IC REG LINEAR 3V 150MA HSNT4-B   | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-1312D34-M5T1U3</a><br>Description: IC REG LINEAR 3.4V 150MA SOT23-5 | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-1312D29-M5T1U3</a><br>Description: IC REG LINEAR 2.9V 150MA SOT23-5 | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-1312D2J-M5T1U3</a><br>Description: IC REG LIN 2.85V 150MA SOT23-5   | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-1312D34-A4T2U3</a><br>Description: IC REG LINEAR 3.4V 150MA HSNT4-B | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-1312D33-M5T1U3</a><br>Description: IC REG LINEAR 3.3V 150MA SOT23-5 | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-1312D33-A4T2U3</a><br>Description: IC REG LINEAR 3.3V 150MA HSNT4-B | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-1312D31-A4T1U3</a><br>Description: IC REG LINEAR 3.1V 150MA HSNT4-A | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-1312D34-A4T1U3</a><br>Description: IC REG LINEAR 3.4V 150MA HSNT4-A | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-1312D32-M5T1U3</a><br>Description: IC REG LINEAR 3.2V 150MA SOT23-5 | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-1312D2J-A4T1U3</a><br>Description: IC REG LIN 2.85V 150MA HSNT4-A   | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-1312D33-A4T1U3</a><br>Description: IC REG LINEAR 3.3V 150MA HSNT4-A | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-1312D35-A4T1U3</a><br>Description: IC REG LINEAR 3.5V 150MA HSNT4-A | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-1312D30-A4T1U3</a><br>Description: IC REG LINEAR 3V 150MA HSNT4-A   | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-1312D29-A4T2U3</a><br>Description: IC REG LINEAR 2.9V 150MA HSNT4-B | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-1312D2J-A4T2U3</a><br>Description: IC REG LIN 2.85V 150MA HSNT4-B   | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |

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