

## S-1312C25-A4T2U3



**SII** SII Semiconductor Corporation

**Part Number:** [S-1312C25-A4T2U3](#)

**Manufacturer:** [SII Semiconductor Corporation](#)

**Description:** IC REG LINEAR 2.5V 150mA HSNT4-B

**Data sheet:** [PDF S-1312 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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### PRODUCT PARAMETER

|   |   |  |  |
|---|---|--|--|
| <b>Part Number</b>                      | S-1312C25-A4T2U3                          | <b>Manufacturer</b>                    | <a href="#">SII Semiconductor Corporation</a>                          |
| <b>Description</b>                      | IC REG LINEAR 2.5V 150mA HSNT4-B          | <b>Lead Free Status / RoHS Status</b>  | Lead free / RoHS Compliant   |
| <b>Quantity Available</b>               | 231110 pcs                                | <b>Data sheet</b>                      | <a href="#">S-1312 Series</a>  |
| <b>Category</b>                         | <a href="#">Integrated Circuits (ICs)</a> | <b>Voltage Dropout (Max)</b>           | 0.32V @ 100mA  |
| <b>Voltage - Output (Min/Fixed)</b>     | 2.5V                                      | <b>Voltage - Output (Max)</b>          | -  |
| <b>Voltage - Input (Max)</b>            | 5.5V                                      | <b>Supplier Device Package</b>         | HSNT4-B  |
| <b>Series</b>                           | S-1312                                    | <b>Protection Features</b>             | Overcurrent, Thermal Shutdown  |
| <b>Packaging</b>                        | Tape & Reel (TR)                          | <b>Package / Case</b>                  | 4-SMD, Flat Lead Exposed Pad   |
| <b>PSRR</b>                             | 70dB (1kHz)                               | <b>Output Type</b>                     | Fixed  |
| <b>Output Configuration</b>             | Positive                                  | <b>Operating Temperature</b>           | -40°C ~ 85°C (TA)  |
| <b>Number of Regulators</b>             | 1   | <b>Mounting Type</b>                   | Surface Mount  |
| <b>Moisture Sensitivity Level (MSL)</b> | 1 (Unlimited)                             | <b>Manufacturer Standard Lead Time</b> | 20 Weeks   |
| <b>Lead Free Status / RoHS Status</b>   | Lead free / RoHS Compliant                | <b>Detailed Description</b>            | Linear Voltage Regulator IC Positive Fixed 1 Output 2.5V 150mA HSNT4-B |
| <b>Current - Supply (Max)</b>           | 30µA                                      | <b>Current - Quiescent (Iq)</b>        | 1µA  |
| <b>Current - Output</b>                 | 150mA                                     | <b>Control Features</b>                | Enable   |

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### RELATED PRODUCTS

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|  | <b>Part#:</b> <a href="#">S-1312C25-M5T1U3</a><br><b>Description:</b> IC REG LINEAR 2.5V 150MA SOT23-5 | <b>Manufacturers:</b> <a href="#">SII Semiconductor Corporation</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">S-1312C26-A4T2U3</a><br><b>Description:</b> IC REG LINEAR 2.6V 150MA HSNT4-B | <b>Manufacturers:</b> <a href="#">SII Semiconductor Corporation</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">S-1312C24-M5T1U3</a><br><b>Description:</b> IC REG LINEAR 2.4V 150MA SOT23-5 | <b>Manufacturers:</b> <a href="#">SII Semiconductor Corporation</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">S-1312C26-M5T1U3</a><br><b>Description:</b> IC REG LINEAR 2.6V 150MA SOT23-5 | <b>Manufacturers:</b> <a href="#">SII Semiconductor Corporation</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">S-1312C27-A4T1U3</a><br><b>Description:</b> IC REG LINEAR 2.7V 150MA HSNT4-A | <b>Manufacturers:</b> <a href="#">SII Semiconductor Corporation</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">S-1312C27-M5T1U3</a><br><b>Description:</b> IC REG LINEAR 2.7V 150MA SOT23-5 | <b>Manufacturers:</b> <a href="#">SII Semiconductor Corporation</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">S-1312C25-A4T1U3</a><br><b>Description:</b> IC REG LINEAR 2.5V 150MA HSNT4-A | <b>Manufacturers:</b> <a href="#">SII Semiconductor Corporation</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">S-1312C28-A4T2U3</a><br><b>Description:</b> IC REG LINEAR 2.8V 150MA HSNT4-B | <b>Manufacturers:</b> <a href="#">SII Semiconductor Corporation</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">S-1312C23-M5T1U3</a><br><b>Description:</b> IC REG LINEAR 2.3V 150MA SOT23-5 | <b>Manufacturers:</b> <a href="#">SII Semiconductor Corporation</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">S-1312C26-A4T1U3</a><br><b>Description:</b> IC REG LINEAR 2.6V 150MA HSNT4-A | <b>Manufacturers:</b> <a href="#">SII Semiconductor Corporation</a> | <a href="#">RFQ</a> |
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|  | <b>Part#:</b> <a href="#">S-1312C22-A4T1U3</a><br><b>Description:</b> IC REG LINEAR 2.2V 150MA HSNT4-A | <b>Manufacturers:</b> <a href="#">SII Semiconductor Corporation</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">S-1312C24-A4T1U3</a><br><b>Description:</b> IC REG LINEAR 2.4V 150MA HSNT4-A | <b>Manufacturers:</b> <a href="#">SII Semiconductor Corporation</a> | <a href="#">RFQ</a> |
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