



Image may be representation. See specifications for product details.

### S-1312D10-M5T1U3

|                     |                                                                                                                        |
|---------------------|------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | S-1312D10-M5T1U3                                                                                                       |
| Manufacturer/Brand: | SII Semiconductor Corporation                                                                                          |
| Product description | IC REG LINEAR 1V 150MA SOT23-5                                                                                         |
| Datasheets:         |  <a href="#">S-1312D10-M5T1U3.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant           |
| Stock Condition     | 325972 pcs stock                                                                                                       |
| Ship From           | Hong Kong                                                                                                              |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                  |

REQUEST FOR QUOTATION

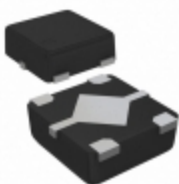
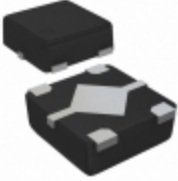
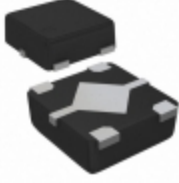
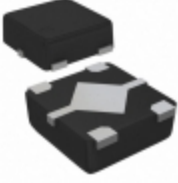
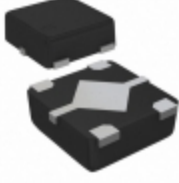
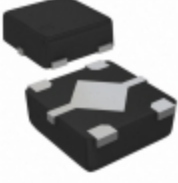
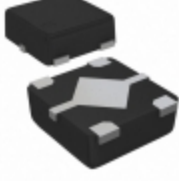
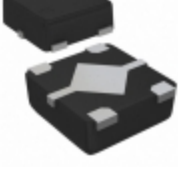
#### Specifications of S-1312D10-M5T1U3

|                                  |                                                                                                                          |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | S-1312D10-M5T1U3                                                                                                         |
| MANUFACTURER                     | SII Semiconductor Corporation                                                                                            |
| DESCRIPTION                      | IC REG LINEAR 1V 150MA SOT23-5                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                               |
| QUANTITY AVAILABLE               | 325972 pcs                                                                                                               |
| DATA SHEET                       |  <a href="#">S-1312D10-M5T1U3.pdf</a> |
| VOLTAGE DROPOUT (MAX)            | 0.86V @ 100mA                                                                                                            |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 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                             | 75dB (1kHz)                                                                                                              |
| OUTPUT TYPE                      | Fixed                                                                                                                    |
| OUTPUT CONFIGURATION             | Positive                                                                                                                 |
| OTHER NAMES                      | 1662-2963-2<br>S-1312D10-M5T1U3-ND                                                                                       |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                        |
| NUMBER OF REGULATORS             | 1                                                                                                                        |
| MOUNTING TYPE                    | Surface Mount                                                                                                            |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                               |
| DETAILED DESCRIPTION             | Linear Voltage Regulator IC Positive Fixed 1 Output 1V 150mA SOT-23-5                                                    |
| CURRENT - SUPPLY (MAX)           | 30μA                                                                                                                     |
| CURRENT - QUIESCENT (IQ)         | 1μA                                                                                                                      |
| CURRENT - OUTPUT                 | 150mA                                                                                                                    |
| CONTROL FEATURES                 | Enable                                                                                                                   |

#### Related Tags

|                                                |                                        |                                                    |
|------------------------------------------------|----------------------------------------|----------------------------------------------------|
| SII Semiconductor Corporation S-1312D10-M5T1U3 | S-1312D10-M5T1U3 Distributor           | S-1312D10-M5T1U3 Supplier                          |
| S-1312D10-M5T1U3 Price                         | S-1312D10-M5T1U3 Pictures              | S-1312D10-M5T1U3 Image                             |
| S-1312D10-M5T1U3 PDF Datasheet                 | S-1312D10-M5T1U3 Download Datasheet    | S-1312D10-M5T1U3 Datasheet                         |
| S-1312D10-M5T1U3 Stock                         | Buy S-1312D10-M5T1U3                   | Buy SII Semiconductor Corporation S-1312D10-M5T1U3 |
| SII Semiconductor Corporation S-1312D10-M5T1U3 | SII Semiconductor Corporation Supplier | SII Semiconductor Corporation Distributor          |
| SII Semiconductor Corporation S-1312D10-M5T1U3 |                                        |                                                    |

#### Related Products

|                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                   |
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|  <div><b>S-1312D10-A4T1U3</b><br/>Manufacturers: SII Semiconductor Corporation<br/>Description: IC REG LINEAR 1V 150MA HSNT4-A<br/>In stock: 407901 pcs<br/><b>RFQ</b></div>   |  <div><b>S-1312D11-M5T1U3</b><br/>Manufacturers: SII Semiconductor Corporation<br/>Description: IC REG LINEAR 1.1V 150MA SOT23-5<br/>In stock: 303829 pcs<br/><b>RFQ</b></div> |
|  <div><b>S-1312C35-M5T1U3</b><br/>Manufacturers: SII Semiconductor Corporation<br/>Description: IC REG LINEAR 3.5V 150MA SOT23-5<br/>In stock: 275499 pcs<br/><b>RFQ</b></div> |  <div><b>S-1312D12-A4T2U3</b><br/>Manufacturers: SII Semiconductor Corporation<br/>Description: IC REG LINEAR 1.2V 150MA HSNT4-B<br/>In stock: 367969 pcs<br/><b>RFQ</b></div> |
|  <div><b>S-1312D10-A4T2U3</b><br/>Manufacturers: SII Semiconductor Corporation<br/>Description: IC REG LINEAR 1V 150MA HSNT4-B<br/>In stock: 415430 pcs<br/><b>RFQ</b></div>   |  <div><b>S-1312D11-A4T1U3</b><br/>Manufacturers: SII Semiconductor Corporation<br/>Description: IC REG LINEAR 1.1V 150MA HSNT4-A<br/>In stock: 346817 pcs<br/><b>RFQ</b></div> |
|  <div><b>S-1312D11-A4T2U3</b><br/>Manufacturers: SII Semiconductor Corporation<br/>Description: IC REG LINEAR 1.1V 150MA HSNT4-B<br/>In stock: 409151 pcs<br/><b>RFQ</b></div> |  <div><b>S-1312D12-A4T1U3</b><br/>Manufacturers: SII Semiconductor Corporation<br/>Description: IC REG LINEAR 1.2V 150MA HSNT4-A<br/>In stock: 314600 pcs<br/><b>RFQ</b></div> |
|  <div><b>S-1312C35-A4T2U3</b><br/>Manufacturers: SII Semiconductor Corporation<br/>Description: IC REG LINEAR 3.5V 150MA HSNT4-B<br/>In stock: 344729 pcs<br/><b>RFQ</b></div> |  <div><b>S-1312D12-M5T1U3</b><br/>Manufacturers: SII Semiconductor Corporation<br/>Description: IC REG LINEAR 1.2V 150MA SOT23-5<br/>In stock: 356321 pcs<br/><b>RFQ</b></div> |
|  <div><b>S-1312C34-M5T1U3</b><br/>Manufacturers: SII Semiconductor Corporation<br/>Description: IC REG LINEAR 3.4V 150MA SOT23-5<br/>In stock: 326924 pcs<br/><b>RFQ</b></div> |  <div><b>S-1312C35-A4T1U3</b><br/>Manufacturers: SII Semiconductor Corporation<br/>Description: IC REG LINEAR 3.5V 150MA HSNT4-A<br/>In stock: 331106 pcs<br/><b>RFQ</b></div> |