



SII Semiconductor Corporation



### S-1172B23-E6T1G

|                     |                                                                                                                       |
|---------------------|-----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | S-1172B23-E6T1G                                                                                                       |
| Manufacturer/Brand: | SII Semiconductor Corporation                                                                                         |
| Product description | IC REG LINEAR 2.3V 1A 6HSOP                                                                                           |
| Datasheets:         |  <a href="#">S-1172B23-E6T1G.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant          |
| Stock Condition     | 160308 pcs stock                                                                                                      |
| Ship From           | Hong Kong                                                                                                             |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                 |

REQUEST FOR QUOTATION

#### Specifications of S-1172B23-E6T1G

|                                  |                                                                                                                         |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | S-1172B23-E6T1G                                                                                                         |
| MANUFACTURER                     | SII Semiconductor Corporation                                                                                           |
| DESCRIPTION                      | IC REG LINEAR 2.3V 1A 6HSOP                                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                              |
| QUANTITY AVAILABLE               | 160308 pcs                                                                                                              |
| DATA SHEET                       |  <a href="#">S-1172B23-E6T1G.pdf</a> |
| VOLTAGE DROPOUT (MAX)            | 0.15V @ 300mA                                                                                                           |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 2.3V                                                                                                                    |
| VOLTAGE - OUTPUT (MAX)           | -                                                                                                                       |
| VOLTAGE - INPUT (MAX)            | 5.5V                                                                                                                    |
| SUPPLIER DEVICE PACKAGE          | 6-HSOP                                                                                                                  |
| SERIES                           | S-1172                                                                                                                  |
| PROTECTION FEATURES              | Over Current, Thermal Shutdown                                                                                          |
| PACKAGING                        | Tape & Reel (TR)                                                                                                        |
| PACKAGE / CASE                   | 6-SOIC Variation (0.154", 3.9mm Width), 4 Leads + 2 Fins                                                                |
| 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)                                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                              |
| DETAILED DESCRIPTION             | Linear Voltage Regulator IC Positive Fixed 1 Output 2.3V 1A 6-HSOP                                                      |
| CURRENT - SUPPLY (MAX)           | 90µA                                                                                                                    |
| CURRENT - QUIESCENT (IQ)         | 1µA                                                                                                                     |
| CURRENT - OUTPUT                 | 1A                                                                                                                      |
| CONTROL FEATURES                 | Enable                                                                                                                  |

#### Related Tags

|                                               |                                        |                                                   |
|-----------------------------------------------|----------------------------------------|---------------------------------------------------|
| SII Semiconductor Corporation S-1172B23-E6T1G | S-1172B23-E6T1G Distributor            | S-1172B23-E6T1G Supplier                          |
| S-1172B23-E6T1G Price                         | S-1172B23-E6T1G Pictures               | S-1172B23-E6T1G Image                             |
| S-1172B23-E6T1G PDF Datasheet                 | S-1172B23-E6T1G Download Datasheet     | S-1172B23-E6T1G Datasheet                         |
| S-1172B23-E6T1G Stock                         | Buy S-1172B23-E6T1G                    | Buy SII Semiconductor Corporation S-1172B23-E6T1G |
| SII Semiconductor Corporation S-1172B23-E6T1G | SII Semiconductor Corporation Supplier | SII Semiconductor Corporation Distributor         |
| SII Semiconductor Corporation S-1172B23-E6T1G |                                        |                                                   |

#### Related Products

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| <div></div> <div><b>S-1172B23-E6T1U</b><br/>Manufacturers: SII Semiconductor Corporation<br/>Description: IC REG LINEAR 2.3V 1A 6HSOP<br/>In stock: 156615 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>S-1172B21-U5T1U</b><br/>Manufacturers: SII Semiconductor Corporation<br/>Description: IC REG LINEAR 2.1V 1A SOT89-5<br/>In stock: 157389 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>S-1172B22-U5T1U</b><br/>Manufacturers: SII Semiconductor Corporation<br/>Description: IC REG LINEAR 2.2V 1A SOT89-5<br/>In stock: 152121 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>S-1172B21-U5T1G</b><br/>Manufacturers: SII Semiconductor Corporation<br/>Description: IC REG LINEAR 2.1V 1A SOT89-5<br/>In stock: 142698 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>S-1172B23-U5T1G</b><br/>Manufacturers: SII Semiconductor Corporation<br/>Description: IC REG LINEAR 2.3V 1A SOT89-5<br/>In stock: 154605 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>S-1172B22-E6T1U</b><br/>Manufacturers: SII Semiconductor Corporation<br/>Description: IC REG LINEAR 2.2V 1A 6HSOP<br/>In stock: 197789 pcs<br/><div>RFQ</div></div>   |
| <div></div> <div><b>S-1172B24-U5T1G</b><br/>Manufacturers: SII Semiconductor Corporation<br/>Description: IC REG LINEAR 2.4V 1A SOT89-5<br/>In stock: 164668 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>S-1172B24-E6T1U</b><br/>Manufacturers: SII Semiconductor Corporation<br/>Description: IC REG LINEAR 2.4V 1A 6HSOP<br/>In stock: 157282 pcs<br/><div>RFQ</div></div>   |
| <div></div> <div><b>S-1172B22-E6T1G</b><br/>Manufacturers: SII Semiconductor Corporation<br/>Description: IC REG LINEAR 2.2V 1A 6HSOP<br/>In stock: 179773 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>S-1172B23-U5T1U</b><br/>Manufacturers: SII Semiconductor Corporation<br/>Description: IC REG LINEAR 2.3V 1A SOT89-5<br/>In stock: 178044 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>S-1172B24-E6T1G</b><br/>Manufacturers: SII Semiconductor Corporation<br/>Description: IC REG LINEAR 2.4V 1A 6HSOP<br/>In stock: 178586 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>S-1172B22-U5T1G</b><br/>Manufacturers: SII Semiconductor Corporation<br/>Description: IC REG LINEAR 2.2V 1A SOT89-5<br/>In stock: 143130 pcs<br/><div>RFQ</div></div> |