



Image may be representation. See specifications for product details.

### S-1142B20I-E6T1U

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | S-1142B20I-E6T1U                                                                                             |
| Manufacturer/Brand: | SII Semiconductor Corporation                                                                                |
| Product description | IC REG LINEAR 2V 200MA 6HSOP                                                                                 |
| Datasheets:         |  S-1142B20I-E6T1U.pdf       |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

#### Specifications of S-1142B20I-E6T1U

|                                  |                                                                                                          |
|----------------------------------|----------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | S-1142B20I-E6T1U                                                                                         |
| MANUFACTURER                     | SII Semiconductor Corporation                                                                            |
| DESCRIPTION                      | IC REG LINEAR 2V 200MA 6HSOP                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                               |
| DATA SHEET                       |  S-1142B20I-E6T1U.pdf |
| VOLTAGE DROPOUT (MAX)            | 1.12V @ 200mA                                                                                            |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 2V                                                                                                       |
| VOLTAGE - OUTPUT (MAX)           | -                                                                                                        |
| VOLTAGE - INPUT (MAX)            | 50V                                                                                                      |
| SUPPLIER DEVICE PACKAGE          | 6-HSOP                                                                                                   |
| SERIES                           | S-1142A/B                                                                                                |
| 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                             | 50dB (100Hz)                                                                                             |
| 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 2V 200mA 6-HSOP                                      |
| CURRENT - SUPPLY (MAX)           | 9µA                                                                                                      |
| CURRENT - QUIESCENT (IQ)         | 1µA                                                                                                      |
| CURRENT - OUTPUT                 | 200mA                                                                                                    |
| CONTROL FEATURES                 | Enable                                                                                                   |

#### Related Tags

|                                                |                                        |                                                    |
|------------------------------------------------|----------------------------------------|----------------------------------------------------|
| SII Semiconductor Corporation S-1142B20I-E6T1U | S-1142B20I-E6T1U Distributor           | S-1142B20I-E6T1U Supplier                          |
| S-1142B20I-E6T1U Price                         | S-1142B20I-E6T1U Pictures              | S-1142B20I-E6T1U Image                             |
| S-1142B20I-E6T1U PDF Datasheet                 | S-1142B20I-E6T1U Download Datasheet    | S-1142B20I-E6T1U Datasheet                         |
| S-1142B20I-E6T1U Stock                         | Buy S-1142B20I-E6T1U                   | Buy SII Semiconductor Corporation S-1142B20I-E6T1U |
| SII Semiconductor Corporation S-1142B20I-E6T1U | SII Semiconductor Corporation Supplier | SII Semiconductor Corporation Distributor          |
| SII Semiconductor Corporation S-1142B20I-E6T1U |                                        |                                                    |

#### Related Products

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|  <div><b>S-1142A80I-E6T1U</b><br/>Manufacturers: SII Semiconductor Corporation<br/>Description: IC REG LINEAR 8V 200MA 6HSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>    |  <div><b>S-1142AF0H-E6T2U</b><br/>Manufacturers: SII Semiconductor Corporation<br/>Description: IC REG LINEAR 15V 200MA 6HSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>S-1142B27I-E6T1U</b><br/>Manufacturers: SII Semiconductor Corporation<br/>Description: IC REG LINEAR 2.7V 200MA 6HSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>S-1142B28H-E6T2U</b><br/>Manufacturers: SII Semiconductor Corporation<br/>Description: IC REG LINEAR 2.8V 200MA 6HSOP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>S-1142AC0H-E6T2U</b><br/>Manufacturers: SII Semiconductor Corporation<br/>Description: IC REG LINEAR 12V 200MA 6HSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>   |  <div><b>S-1142AJI-E6T1U</b><br/>Manufacturers: SII Semiconductor Corporation<br/>Description: IC REG LINEAR 200MA 6HSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>       |
|  <div><b>S-1142B21H-E6T2U</b><br/>Manufacturers: SII Semiconductor Corporation<br/>Description: IC REG LINEAR 2.1V 200MA 6HSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>S-1142B25H-E6T2U</b><br/>Manufacturers: SII Semiconductor Corporation<br/>Description: IC REG LINEAR 2.5V 200MA 6HSOP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>S-1142B20H-E6T2U</b><br/>Manufacturers: SII Semiconductor Corporation<br/>Description: IC REG LINEAR 2V 200MA 6HSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>    |  <div><b>S-1142B25I-E6T1U</b><br/>Manufacturers: SII Semiconductor Corporation<br/>Description: IC REG LINEAR 2.5V 200MA 6HSOP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>S-1142AC5H-E6T2U</b><br/>Manufacturers: SII Semiconductor Corporation<br/>Description: IC REG LINEAR 12.5V 200MA 6HSOP<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>S-1142B27H-E6T2U</b><br/>Manufacturers: SII Semiconductor Corporation<br/>Description: IC REG LINEAR 2.7V 200MA 6HSOP<br/>In stock: Out stock<br/><div>RFQ</div></div> |