

SIISII Semiconductor Corporation

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Image may be representation. See specifications for product details.

### S-8520B15MC-ARAT2U

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | S-8520B15MC-ARAT2U                                                                                           |
| Manufacturer/Brand: | SII Semiconductor Corporation                                                                                |
| Product description | IC REG CTRLR BUCK SOT23-5                                                                                    |
| Datasheets:         |  S-8520B15MC-ARAT2U.pdf     |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 243228 pcs stock                                                                                             |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

#### Specifications of S-8520B15MC-ARAT2U

|                                  |                                                                                                            |
|----------------------------------|------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | S-8520B15MC-ARAT2U                                                                                         |
| MANUFACTURER                     | SII Semiconductor Corporation                                                                              |
| DESCRIPTION                      | IC REG CTRLR BUCK SOT23-5                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                 |
| QUANTITY AVAILABLE               | 243228 pcs                                                                                                 |
| DATA SHEET                       |  S-8520B15MC-ARAT2U.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.5 V ~ 16 V                                                                                               |
| TOPOLOGY                         | Buck                                                                                                       |
| SYNCHRONOUS RECTIFIER            | No                                                                                                         |
| SUPPLIER DEVICE PACKAGE          | SOT-23-5                                                                                                   |
| SERIES                           | -                                                                                                          |
| SERIAL INTERFACES                | -                                                                                                          |
| PACKAGING                        | Tape & Reel (TR)                                                                                           |
| PACKAGE / CASE                   | SC-74A, SOT-753                                                                                            |
| OUTPUT TYPE                      | Transistor Driver                                                                                          |
| OUTPUT PHASES                    | 1                                                                                                          |
| OUTPUT CONFIGURATION             | Positive                                                                                                   |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                          |
| NUMBER OF OUTPUTS                | 1                                                                                                          |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                 |
| FUNCTION                         | Step-Down                                                                                                  |
| FREQUENCY - SWITCHING            | 180kHz                                                                                                     |
| DUTY CYCLE (MAX)                 | 100%                                                                                                       |
| DETAILED DESCRIPTION             | Buck Regulator Positive Output Step-Down DC-DC Controller IC SOT-23-5                                      |
| CONTROL FEATURES                 | Enable                                                                                                     |
| CLOCK SYNC                       | No                                                                                                         |

#### Related Tags

|                                                  |                                        |                                                      |
|--------------------------------------------------|----------------------------------------|------------------------------------------------------|
| SII Semiconductor Corporation S-8520B15MC-ARAT2U | S-8520B15MC-ARAT2U Distributor         | S-8520B15MC-ARAT2U Supplier                          |
| S-8520B15MC-ARAT2U Price                         | S-8520B15MC-ARAT2U Pictures            | S-8520B15MC-ARAT2U Image                             |
| S-8520B15MC-ARAT2U PDF Datasheet                 | S-8520B15MC-ARAT2U Download Datasheet  | S-8520B15MC-ARAT2U Datasheet                         |
| S-8520B15MC-ARAT2U Stock                         | Buy S-8520B15MC-ARAT2U                 | Buy SII Semiconductor Corporation S-8520B15MC-ARAT2U |
| SII Semiconductor Corporation S-8520B15MC-ARAT2U | SII Semiconductor Corporation Supplier | SII Semiconductor Corporation Distributor            |
| SII Semiconductor Corporation S-8520B15MC-ARAT2U |                                        |                                                      |

#### Related Products

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|  <div><b>S-8520A36MC-AVVT2U</b><br/>Manufacturers: SII Semiconductor Corporation<br/>Description: IC REG CTRLR BUCK SOT23-5<br/>In stock: 220522 pcs<br/>RFQ</div> |  <div><b>S-8520B25MC-ARKT2U</b><br/>Manufacturers: SII Semiconductor Corporation<br/>Description: IC REG CTRLR BUCK SOT23-5<br/>In stock: 25522 pcs<br/>RFQ</div>  |
|  <div><b>S-8520B24MC-ARJT2G</b><br/>Manufacturers: SII Semiconductor Corporation<br/>Description: IC REG CTRLR BUCK SOT23-5<br/>In stock: 244913 pcs<br/>RFQ</div> |  <div><b>S-8520B15MC-ARAT2G</b><br/>Manufacturers: SII Semiconductor Corporation<br/>Description: IC REG CTRLR BUCK SOT23-5<br/>In stock: 205964 pcs<br/>RFQ</div> |
|  <div><b>S-8520A50MC-AWJT2G</b><br/>Manufacturers: SII Semiconductor Corporation<br/>Description: IC REG CTRLR BUCK SOT23-5<br/>In stock: 252459 pcs<br/>RFQ</div> |  <div><b>S-8520A35MC-AVUT2G</b><br/>Manufacturers: SII Semiconductor Corporation<br/>Description: IC REG CTRLR BUCK SOT23-5<br/>In stock: 249251 pcs<br/>RFQ</div> |
|  <div><b>S-8520A36MC-AVVT2G</b><br/>Manufacturers: SII Semiconductor Corporation<br/>Description: IC REG CTRLR BUCK SOT23-5<br/>In stock: 224162 pcs<br/>RFQ</div> |  <div><b>S-8520B24MC-ARJT2U</b><br/>Manufacturers: SII Semiconductor Corporation<br/>Description: IC REG CTRLR BUCK SOT23-5<br/>In stock: 251953 pcs<br/>RFQ</div> |
|  <div><b>S-8520B18MC-ARDT2U</b><br/>Manufacturers: SII Semiconductor Corporation<br/>Description: IC REG CTRLR BUCK SOT23-5<br/>In stock: 244970 pcs<br/>RFQ</div> |  <div><b>S-8520B25MC-ARKT2G</b><br/>Manufacturers: SII Semiconductor Corporation<br/>Description: IC REG CTRLR BUCK SOT23-5<br/>In stock: 214985 pcs<br/>RFQ</div> |
|  <div><b>S-8520A50MC-AWJT2U</b><br/>Manufacturers: SII Semiconductor Corporation<br/>Description: IC REG CTRLR BUCK SOT23-5<br/>In stock: 255482 pcs<br/>RFQ</div> |  <div><b>S-8520B18MC-ARDT2G</b><br/>Manufacturers: SII Semiconductor Corporation<br/>Description: IC REG CTRLR BUCK SOT23-5<br/>In stock: 261288 pcs<br/>RFQ</div> |