

S-8520B15MC-ARAT2U



SII

SII Semiconductor Corporation

Part Number:

S-8520B15MC-ARAT2U

Manufacturer:

SII Semiconductor Corporation

Description:

IC REG CTRLR BUCK SOT23-5

Data sheet:

 [S-8520/8521 Series](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

Shipment Way:

DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                       |                                 |                                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|---------------------------------|-----------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | S-8520B15MC-ARAT2U                                                    | Manufacturer                    | <a href="#">SII Semiconductor Corporation</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | IC REG CTRLR BUCK SOT23-5                                             | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                    |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 130511 pcs                                                            | Data sheet                      | <a href="#">S-8520/8521 Series</a>            |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <a href="#">Integrated Circuits (ICs)</a>                             | 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)                                                         | Manufacturer Standard Lead Time | 20 Weeks                                      |
| 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                                                                    |                                 |                                               |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all SII Semiconductor Corporation series electronic components. We have 130511 pieces of SII Semiconductor Corporation S-8520B15MC-ARAT2U in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                                                       |                                 |                                               |

| RELATED PRODUCTS                                                                   |                                                                                     |                                                              |                |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">S-8520B24MC-ARJT2U</a><br>Description: IC REG CTRLR BUCK SOT23-5 | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-8520A50MC-AWJT2U</a><br>Description: IC REG CTRLR BUCK SOT23-5 | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-8520B25MC-ARKT2U</a><br>Description: IC REG CTRLR BUCK SOT23-5 | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-8520B24MC-ARJT2G</a><br>Description: IC REG CTRLR BUCK SOT23-5 | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-8520B27MC-ARMT2G</a><br>Description: IC REG CTRLR BUCK SOT23-5 | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-8520B29MC-AROT2G</a><br>Description: IC REG CTRLR BUCK SOT23-5 | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-8520A36MC-AVVT2U</a><br>Description: IC REG CTRLR BUCK SOT23-5 | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-8520A36MC-AVVT2G</a><br>Description: IC REG CTRLR BUCK SOT23-5 | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-8520A50MC-AWJT2G</a><br>Description: IC REG CTRLR BUCK SOT23-5 | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-8520A33MC-AVST2G</a><br>Description: IC REG CTRLR BUCK SOT23-5 | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-8520A33MC-AVST2U</a><br>Description: IC REG CTRLR BUCK SOT23-5 | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-8520B18MC-ARDT2G</a><br>Description: IC REG CTRLR BUCK SOT23-5 | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-8520B28MC-ARNT2G</a><br>Description: IC REG CTRLR BUCK SOT23-5 | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">S-8520A34MC-AVTT2G</a><br>Description: IC REG CTRLR BUCK SOT23-5 | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">S-8520A34MC-AVTT2U</a><br>Description: IC REG CTRLR BUCK SOT23-5 | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-8520A35MC-AVUT2G</a><br>Description: IC REG CTRLR BUCK SOT23-5 | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
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