

S-8520A33MC-AVST2G



SII

SII Semiconductor Corporation

Part Number:

S-8520A33MC-AVST2G

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-8520A33MC-AVST2G                        | 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 146998 pcs                                | Data sheet                     | <a href="#">S-8520/8521 Series</a>                                    |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)     | 2.5 V ~ 10 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                                                                    |
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| RELATED PRODUCTS                                                                   |                                                                                     |                                                              |                |
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|  | 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-8520A31MC-AVQT2G</a><br>Description: IC REG CTRLR BUCK SOT23-5 | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-8520A29MC-AVOT2G</a><br>Description: IC REG CTRLR BUCK SOT23-5 | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | 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-8520A30MC-AVPT2G</a><br>Description: IC REG CTRLR BUCK SOT23-5 | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-8520A32MC-AVRT2U</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-8520B15MC-ARAT2G</a><br>Description: IC REG CTRLR BUCK SOT23-5 | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-8520A27MC-AVMT2G</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> |
|  | Part#: <a href="#">S-8520B15MC-ARAT2U</a><br>Description: IC REG CTRLR BUCK SOT23-5 | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | 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-8520A28MC-AVNT2U</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-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-8520A36MC-AVVT2G</a><br>Description: IC REG CTRLR BUCK SOT23-5 | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |

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