

S-8521B44MC-AUDT2U



SII Semiconductor Corporation

Part Number: [S-8521B44MC-AUDT2U](#)

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-8521B44MC-AUDT2U                                                    | 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                                                                                                                                                                                                                                                                                                                                                                                                                           | 141306 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 141306 pieces of SII Semiconductor Corporation S-8521B44MC-AUDT2U 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: info@Components-World.com |                                                                       |                                 |                                               |

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|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">S-8521B40MC-ATZT2U</a><br>Description: IC REG CTRLR BUCK SOT23-5 | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-8521B32MC-ATRT2U</a><br>Description: IC REG CTRLR BUCK SOT23-5 | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-8521C16MC-BTBT2U</a><br>Description: IC REG CTRLR BUCK SOT23-5 | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-8521B44MC-AUDT2G</a><br>Description: IC REG CTRLR BUCK SOT23-5 | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-8521B60MC-AUTT2U</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-8521B32MC-ATRT2G</a><br>Description: IC REG CTRLR BUCK SOT23-5 | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-8521B50MC-AUJT2G</a><br>Description: IC REG CTRLR BUCK SOT23-5 | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-8521B51MC-AUKT2G</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-8521B33MC-ATST2U</a><br>Description: IC REG CTRLR BUCK SOT23-5 | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-8521C25MC-BTKT2G</a><br>Description: IC REG CTRLR BUCK SOT23-5 | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-8521B35MC-ATUT2G</a><br>Description: IC REG CTRLR BUCK SOT23-5 | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-8521B33MC-ATST2G</a><br>Description: IC REG CTRLR BUCK SOT23-5 | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-8521B50MC-AUJT2U</a><br>Description: IC REG CTRLR BUCK SOT23-5 | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-8521B34MC-ATTT2G</a><br>Description: IC REG CTRLR BUCK SOT23-5 | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-8521B36MC-ATVT2G</a><br>Description: IC REG CTRLR BUCK SOT23-5 | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-8521C16MC-BTBT2G</a><br>Description: IC REG CTRLR BUCK SOT23-5 | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-8521B53MC-AUMT2U</a><br>Description: IC REG CTRLR BUCK SOT23-5 | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
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