

## S-8358B50MC-NRJT2U



**SII** SII Semiconductor Corporation

**Part Number:** [S-8358B50MC-NRJT2U](#)  
**Manufacturer:** [SII Semiconductor Corporation](#)  
**Description:** IC REG CTRLR BOOST SOT23-5  
**Data sheet:** [S-835\(5-8\) Series](#)

**RoHS Status:** Lead free / RoHS Compliant  
**Ship From:** Hong Kong  
**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

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 See Product Specifications for product details.  
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### PRODUCT PARAMETER

|  |   |   |  |
|--|---|---|--|
| <b>Part Number</b>                     | S-8358B50MC-NRJT2U                        | <b>Manufacturer</b>                     | <a href="#">SII Semiconductor Corporation</a>                        |
| <b>Description</b>                     | IC REG CTRLR BOOST SOT23-5                | <b>Lead Free Status / RoHS Status</b>   | Lead free / RoHS Compliant   |
| <b>Quantity Available</b>              | 120972 pcs                                | <b>Data sheet</b>                       | <a href="#">S-835(5-8) Series</a>                                    |
| <b>Category</b>                        | <a href="#">Integrated Circuits (ICs)</a> | <b>Voltage - Supply (Vcc/Vdd)</b>       | 0.9 V ~ 10 V   |
| <b>Topology</b>                        | Boost                                     | <b>Synchronous Rectifier</b>            | No   |
| <b>Supplier Device Package</b>         | SOT-23-5                                  | <b>Series</b>                           | -  |
| <b>Serial Interfaces</b>               | -   | <b>Packaging</b>                        | Tape & Reel (TR)   |
| <b>Package / Case</b>                  | SC-74A, SOT-753                           | <b>Output Type</b>                      | Transistor Driver  |
| <b>Output Phases</b>                   | 1   | <b>Output Configuration</b>             | Positive   |
| <b>Other Names</b>                     | 1662-2034-2<br>S-8358B50MC-NRJT2U-ND      | <b>Operating Temperature</b>            | -40°C ~ 85°C (TA)  |
| <b>Number of Outputs</b>               | 1   | <b>Moisture Sensitivity Level (MSL)</b> | 1 (Unlimited)  |
| <b>Manufacturer Standard Lead Time</b> | 20 Weeks                                  | <b>Lead Free Status / RoHS Status</b>   | Lead free / RoHS Compliant   |
| <b>Function</b>                        | Step-Up                                   | <b>Frequency - Switching</b>            | 100kHz   |
| <b>Duty Cycle (Max)</b>                | 90%                                       | <b>Detailed Description</b>             | Boost Regulator Positive Output Step-Up DC-DC Controller IC SOT-23-5 |
| <b>Control Features</b>                | Enable                                    | <b>Clock Sync</b>                       | No   |

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### RELATED PRODUCTS

|  |  |   |                     |
|--|--|---|---------------------|
|  | <b>Part#:</b> <a href="#">S-8358B35MC-NQUT2U</a><br><b>Description:</b> IC REG CTRLR BOOST SOT23-5 | <b>Manufacturers:</b> <a href="#">SII Semiconductor Corporation</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">S-8358B36MC-NQVT2G</a><br><b>Description:</b> IC REG CTRLR BOOST SOT23-5 | <b>Manufacturers:</b> <a href="#">SII Semiconductor Corporation</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">S-8358B53MC-NRMT2G</a><br><b>Description:</b> IC REG CTRLR BOOST SOT23-5 | <b>Manufacturers:</b> <a href="#">SII Semiconductor Corporation</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">S-8358B50MC-NRJT2G</a><br><b>Description:</b> IC REG CTRLR BOOST SOT23-5 | <b>Manufacturers:</b> <a href="#">SII Semiconductor Corporation</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">S-8358B36MC-NQVT2U</a><br><b>Description:</b> IC REG CTRLR BOOST SOT23-5 | <b>Manufacturers:</b> <a href="#">SII Semiconductor Corporation</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">S-8358E20MC-NSFT2G</a><br><b>Description:</b> IC REG CTRLR BOOST SOT23-5 | <b>Manufacturers:</b> <a href="#">SII Semiconductor Corporation</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">S-8358B50UA-NRJT2G</a><br><b>Description:</b> IC REG CTRLR BOOST SOT89-3 | <b>Manufacturers:</b> <a href="#">SII Semiconductor Corporation</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">S-8358B53MC-NRMT2U</a><br><b>Description:</b> IC REG CTRLR BOOST SOT23-5 | <b>Manufacturers:</b> <a href="#">SII Semiconductor Corporation</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">S-8358B38MC-NQXT2U</a><br><b>Description:</b> IC REG CTRLR BOOST SOT23-5 | <b>Manufacturers:</b> <a href="#">SII Semiconductor Corporation</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">S-8358B40MC-NQZT2G</a><br><b>Description:</b> IC REG CTRLR BOOST SOT23-5 | <b>Manufacturers:</b> <a href="#">SII Semiconductor Corporation</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">S-8358B60UA-NRTT2G</a><br><b>Description:</b> IC REG CTRLR BOOST SOT89-3 | <b>Manufacturers:</b> <a href="#">SII Semiconductor Corporation</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">S-8358B50MA-NRJT2G</a><br><b>Description:</b> IC REG CTRLR BOOST SOT23-3 | <b>Manufacturers:</b> <a href="#">SII Semiconductor Corporation</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">S-8358B40MC-NQZT2U</a><br><b>Description:</b> IC REG CTRLR BOOST SOT23-5 | <b>Manufacturers:</b> <a href="#">SII Semiconductor Corporation</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">S-8358B60MC-NRTT2U</a><br><b>Description:</b> IC REG CTRLR BOOST SOT23-5 | <b>Manufacturers:</b> <a href="#">SII Semiconductor Corporation</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">S-8358B35MC-NQUT2G</a><br><b>Description:</b> IC REG CTRLR BOOST SOT23-5 | <b>Manufacturers:</b> <a href="#">SII Semiconductor Corporation</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">S-8358B60MC-NRTT2G</a><br><b>Description:</b> IC REG CTRLR BOOST SOT23-5 | <b>Manufacturers:</b> <a href="#">SII Semiconductor Corporation</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">S-8358B50UA-NRJT2U</a><br><b>Description:</b> IC REG CTRLR BOOST SOT89-3 | <b>Manufacturers:</b> <a href="#">SII Semiconductor Corporation</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">S-8358B60UA-NRTT2U</a><br><b>Description:</b> IC REG CTRLR BOOST SOT89-3 | <b>Manufacturers:</b> <a href="#">SII Semiconductor Corporation</a> | <a href="#">RFQ</a> |
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|  | <b>Part#:</b> <a href="#">S-8358E15MC-NSAT2U</a><br><b>Description:</b> IC REG CTRLR BOOST SOT23-5 | <b>Manufacturers:</b> <a href="#">SII Semiconductor Corporation</a> | <a href="#">RFQ</a> |

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