

S-8333ABBC-T8T1G



**Part Number:** [S-8333ABBC-T8T1G](#)

**Manufacturer:** [SII Semiconductor Corporation](#)

**Description:** IC REG CTRLR BOOST 8TSSOP

**Data sheet:**  [S-8333 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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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                           |                                |                                                                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | S-8333ABBC-T8T1G                          | Manufacturer                   | <a href="#">SII Semiconductor Corporation</a>                       |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | IC REG CTRLR BOOST 8TSSOP                 | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                          |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 85543 pcs                                 | Data sheet                     | <a href="#">S-8333 Series</a>                                       |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)     | 1.8 V ~ 6 V                                                         |
| Topology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Boost                                     | Synchronous Rectifier          | No                                                                  |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 8-TSSOP                                   | Series                         | -                                                                   |
| Serial Interfaces                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | -                                         | Packaging                      | Tape & Reel (TR)                                                    |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 8-TSSOP (0.173", 4.40mm Width)            | 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-Up                                   | Frequency - Switching          | 280kHz ~ 1.08MHz                                                    |
| Duty Cycle (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 89%                                       | Detailed Description           | Boost Regulator Positive Output Step-Up DC-DC Controller IC 8-TSSOP |
| Control Features                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Current Limit, Frequency Control          | 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 85543 pieces of SII Semiconductor Corporation S-8333ABBC-T8T1G 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-8333ABBB-T8T1G</a> | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <a href="#">RFQ</a> |
|                                                                                   | Description: IC REG CTRLR BOOST 8TSSOP  |                                                              |                     |
|  | Part#: <a href="#">S-8333ABDB-T8T1G</a> | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <a href="#">RFQ</a> |
|                                                                                   | Description: IC REG CTRLR BOOST 8TSSOP  |                                                              |                     |
|  | Part#: <a href="#">S-8333ABEB-T8T1G</a> | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <a href="#">RFQ</a> |
|                                                                                   | Description: IC REG CTRLR BOOST 8TSSOP  |                                                              |                     |
|  | Part#: <a href="#">S-8333ABAA-T8T1G</a> | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <a href="#">RFQ</a> |
|                                                                                   | Description: IC REG CTRLR BOOST 8TSSOP  |                                                              |                     |
|  | Part#: <a href="#">S-8333AAHC-T8T1G</a> | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <a href="#">RFQ</a> |
|                                                                                   | Description: IC REG CTRLR BOOST 8TSSOP  |                                                              |                     |
|  | Part#: <a href="#">S-8333ABAC-T8T1G</a> | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <a href="#">RFQ</a> |
|                                                                                   | Description: IC REG CTRLR BOOST 8TSSOP  |                                                              |                     |
|  | Part#: <a href="#">S-8333ABCB-T8T1G</a> | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <a href="#">RFQ</a> |
|                                                                                   | Description: IC REG CTRLR BOOST 8TSSOP  |                                                              |                     |
|  | Part#: <a href="#">S-8333ABEA-T8T1G</a> | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <a href="#">RFQ</a> |
|                                                                                   | Description: IC REG CTRLR BOOST 8TSSOP  |                                                              |                     |
|  | Part#: <a href="#">S-8333ABAB-T8T1G</a> | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <a href="#">RFQ</a> |
|                                                                                   | Description: IC REG CTRLR BOOST 8TSSOP  |                                                              |                     |
|  | Part#: <a href="#">S-8333AAIB-T8T1G</a> | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <a href="#">RFQ</a> |
|                                                                                   | Description: IC REG CTRLR BOOST 8TSSOP  |                                                              |                     |
|  | Part#: <a href="#">S-8333ABCC-T8T1G</a> | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <a href="#">RFQ</a> |
|                                                                                   | Description: IC REG CTRLR BOOST 8TSSOP  |                                                              |                     |
|  | Part#: <a href="#">S-8333ABFA-T8T1G</a> | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <a href="#">RFQ</a> |
|                                                                                   | Description: IC REG CTRLR BOOST 8TSSOP  |                                                              |                     |
|  | Part#: <a href="#">S-8333AAHB-T8T1G</a> | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <a href="#">RFQ</a> |
|                                                                                   | Description: IC REG CTRLR BOOST 8TSSOP  |                                                              |                     |
|  | Part#: <a href="#">S-8333ABCA-T8T1G</a> | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <a href="#">RFQ</a> |
|                                                                                   | Description: IC REG CTRLR BOOST 8TSSOP  |                                                              |                     |
|  | Part#: <a href="#">S-8333ABEC-T8T1G</a> | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <a href="#">RFQ</a> |
|                                                                                   | Description: IC REG CTRLR BOOST 8TSSOP  |                                                              |                     |
|  | Part#: <a href="#">S-8333AAIA-T8T1G</a> | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <a href="#">RFQ</a> |
|                                                                                   | Description: IC REG CTRLR BOOST 8TSSOP  |                                                              |                     |
|  | Part#: <a href="#">S-8333ABDA-T8T1G</a> | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <a href="#">RFQ</a> |
|                                                                                   | Description: IC REG CTRLR BOOST 8TSSOP  |                                                              |                     |
|  | Part#: <a href="#">S-8333AAIC-T8T1G</a> | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <a href="#">RFQ</a> |
|                                                                                   | Description: IC REG CTRLR BOOST 8TSSOP  |                                                              |                     |
|  | Part#: <a href="#">S-8333ABDC-T8T1G</a> | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <a href="#">RFQ</a> |
|                                                                                   | Description: IC REG CTRLR BOOST 8TSSOP  |                                                              |                     |
|  | Part#: <a href="#">S-8333ABBA-T8T1G</a> | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <a href="#">RFQ</a> |
|                                                                                   | Description: IC REG CTRLR BOOST 8TSSOP  |                                                              |                     |

| Related keywords for S-8333ABBC-T8T1G          |                              |                           |                        |
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