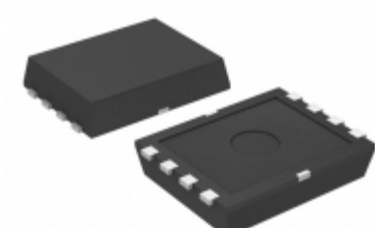


S-8338AAIB-P8T1G



**SII**  SII Semiconductor Corporation

**Part Number:** [S-8338AAIB-P8T1G](#)

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

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

**Data sheet:**  [A-8337,38 Series](#)

**RoHs Status:** Lead free / RoHS Compliant

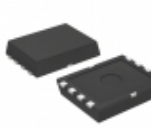
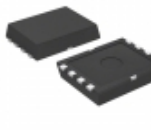
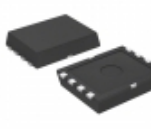
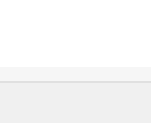
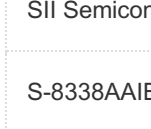
**Ship From:** Hong Kong

**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-8338AAIB-P8T1G                          | Manufacturer                   | <a href="#">SII Semiconductor Corporation</a>                                   |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | IC REG CTRLR BOOST 8SON                   | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                      |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 89516 pcs                                 | Data sheet                     | <a href="#">A-8337,38 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-SON (A) (2.9x2.8)                       | Series                         | -                                                                               |
| Serial Interfaces                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | -                                         | Packaging                      | Tape & Reel (TR)                                                                |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 8-SMD, Flat Lead                          | 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          | 257.4kHz ~ 1.134MHz                                                             |
| Duty Cycle (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 88.5%                                     | Detailed Description           | Boost Regulator Positive Output Step-Up DC-DC Controller IC 8-SON (A) (2.9x2.8) |
| Control Features                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Current Limit, Enable, 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 89516 pieces of SII Semiconductor Corporation S-8338AAIB-P8T1G 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-8338AAHC-P8T1G</a><br>Description: IC REG CTRLR BOOST 8SON   | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">S-8338AAHB-P8T1G</a><br>Description: IC REG CTRLR BOOST 8SON   | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">S-8338ABAB-P8T1G</a><br>Description: IC REG CTRLR BOOST 8SON   | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">S-8338ABAC-P8T1G</a><br>Description: IC REG CTRLR BOOST 8SON   | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">S-8338AAIA-T8T1G</a><br>Description: IC REG CTRLR BOOST 8TSSOP | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">S-8338AAHA-T8T1G</a><br>Description: IC REG CTRLR BOOST 8TSSOP | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">S-8338AAIC-P8T1G</a><br>Description: IC REG CTRLR BOOST 8SON   | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">S-8338ABAA-P8T1G</a><br>Description: IC REG CTRLR BOOST 8SON   | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">S-8338AAHC-T8T1G</a><br>Description: IC REG CTRLR BOOST 8TSSOP | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">S-8338AAIC-T8T1G</a><br>Description: IC REG CTRLR BOOST 8TSSOP | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">S-8338ABAB-T8T1G</a><br>Description: IC REG CTRLR BOOST 8TSSOP | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">S-8338AAGC-T8T1G</a><br>Description: IC REG CTRLR BOOST 8TSSOP | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">S-8338AAGC-P8T1G</a><br>Description: IC REG CTRLR BOOST 8SON   | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">S-8338ABBA-P8T1G</a><br>Description: IC REG CTRLR BOOST 8SON   | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">S-8338AAIA-P8T1G</a><br>Description: IC REG CTRLR BOOST 8SON   | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">S-8338AAHA-P8T1G</a><br>Description: IC REG CTRLR BOOST 8SON   | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">S-8338AAIB-T8T1G</a><br>Description: IC REG CTRLR BOOST 8TSSOP | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">S-8338AAHB-T8T1G</a><br>Description: IC REG CTRLR BOOST 8TSSOP | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <a href="#">RFQ</a> |
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