

S-8338AADC-T8T1G



**Part Number:** [S-8338AADC-T8T1G](#)

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

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

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

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

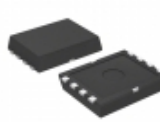
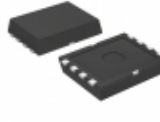
**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                           |                                |                                                                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | S-8338AADC-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                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 100659 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-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          | 257.4kHz ~ 1.134MHz                                                 |
| Duty Cycle (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 88.5%                                     | Detailed Description           | Boost Regulator Positive Output Step-Up DC-DC Controller IC 8-TSSOP |
| Control Features                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Current Limit, Enable, Frequency Control  | Clock Sync                     | No                                                                  |
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|  | Part#: <a href="#">S-8338AAB-P8T1G</a><br>Description: IC REG CTRLR BOOST 8SON    | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">S-8338AACB-P8T1G</a><br>Description: IC REG CTRLR BOOST 8SON   | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">S-8338AAEC-P8T1G</a><br>Description: IC REG CTRLR BOOST 8SON   | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">S-8338AACB-T8T1G</a><br>Description: IC REG CTRLR BOOST 8TSSOP | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">S-8338AACC-T8T1G</a><br>Description: IC REG CTRLR BOOST 8TSSOP | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <a href="#">RFQ</a> |
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