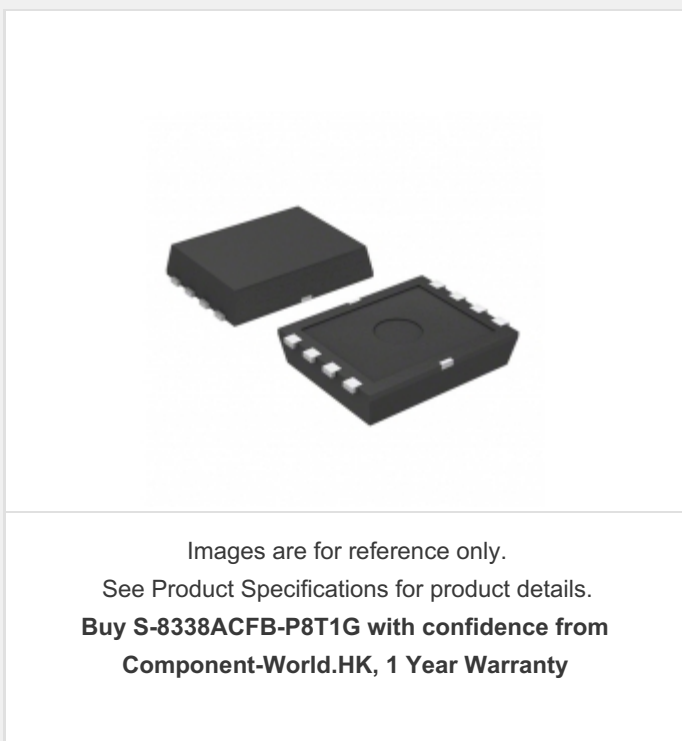


**S-8338ACFB-P8T1G**



**SII** SII Semiconductor Corporation

**Part Number:** [S-8338ACFB-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

[Request For Quotation](#)

| PRODUCT PARAMETER                       |   |                                       |   |
|---|---|---------------------------------------|---|
| <b>Part Number</b>                      | S-8338ACFB-P8T1G                          | <b>Manufacturer</b>                   | <a href="#">SII Semiconductor Corporation</a>                                   |
| <b>Description</b>                      | IC REG CTRLR BOOST 8SON                   | <b>Lead Free Status / RoHS Status</b> | Lead free / RoHS Compliant  |
| <b>Quantity Available</b>               | 82833 pcs                                 | <b>Data sheet</b>                     | <a href="#">A-8337,38 Series</a>  |
| <b>Category</b>                         | <a href="#">Integrated Circuits (ICs)</a> | <b>Voltage - Supply (Vcc/Vdd)</b>     | 1.8 V ~ 6 V   |
| <b>Topology</b>                         | Boost                                     | <b>Synchronous Rectifier</b>          | No  |
| <b>Supplier Device Package</b>          | 8-SON (A) (2.9x2.8)                       | <b>Series</b>                         | -   |
| <b>Serial Interfaces</b>                | -   | <b>Packaging</b>                      | Tape & Reel (TR)  |
| <b>Package / Case</b>                   | 8-SMD, Flat Lead                          | <b>Output Type</b>                    | Transistor Driver   |
| <b>Output Phases</b>                    | 1   | <b>Output Configuration</b>           | Positive  |
| <b>Operating Temperature</b>            | -40°C ~ 85°C (TA)                         | <b>Number of Outputs</b>              | 1   |
| <b>Moisture Sensitivity Level (MSL)</b> | 1 (Unlimited)                             | <b>Lead Free Status / RoHS Status</b> | Lead free / RoHS Compliant  |
| <b>Function</b>                         | Step-Up                                   | <b>Frequency - Switching</b>          | 257.4kHz ~ 1.134MHz   |
| <b>Duty Cycle (Max)</b>                 | 88.5%                                     | <b>Detailed Description</b>           | Boost Regulator Positive Output Step-Up DC-DC Controller IC 8-SON (A) (2.9x2.8) |
| <b>Control Features</b>                 | Current Limit, Enable, Frequency Control  | <b>Clock Sync</b>                     | No  |

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|------------------|---|---|---------------------|
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|                  | <b>Part#:</b> <a href="#">S-8338ACFA-T8T1G</a><br><b>Description:</b> IC REG CTRLR BOOST 8TSSOP | <b>Manufacturers:</b> <a href="#">SII Semiconductor Corporation</a> | <a href="#">RFQ</a> |
|                  | <b>Part#:</b> <a href="#">S-8338ACEC-T8T1G</a><br><b>Description:</b> IC REG CTRLR BOOST 8TSSOP | <b>Manufacturers:</b> <a href="#">SII Semiconductor Corporation</a> | <a href="#">RFQ</a> |
|                  | <b>Part#:</b> <a href="#">S-8338ACEC-P8T1G</a><br><b>Description:</b> IC REG CTRLR BOOST 8SON   | <b>Manufacturers:</b> <a href="#">SII Semiconductor Corporation</a> | <a href="#">RFQ</a> |
|                  | <b>Part#:</b> <a href="#">S-8338ACFC-T8T1G</a><br><b>Description:</b> IC REG CTRLR BOOST 8TSSOP | <b>Manufacturers:</b> <a href="#">SII Semiconductor Corporation</a> | <a href="#">RFQ</a> |
|                  | <b>Part#:</b> <a href="#">S-8338ACGA-T8T1G</a><br><b>Description:</b> IC REG CTRLR BOOST 8TSSOP | <b>Manufacturers:</b> <a href="#">SII Semiconductor Corporation</a> | <a href="#">RFQ</a> |
|                  | <b>Part#:</b> <a href="#">S-8338ACHA-P8T1G</a><br><b>Description:</b> IC REG CTRLR BOOST 8SON   | <b>Manufacturers:</b> <a href="#">SII Semiconductor Corporation</a> | <a href="#">RFQ</a> |
|                  | <b>Part#:</b> <a href="#">S-8338ACDC-P8T1G</a><br><b>Description:</b> IC REG CTRLR BOOST 8SON   | <b>Manufacturers:</b> <a href="#">SII Semiconductor Corporation</a> | <a href="#">RFQ</a> |
|                  | <b>Part#:</b> <a href="#">S-8338ACDC-T8T1G</a><br><b>Description:</b> IC REG CTRLR BOOST 8TSSOP | <b>Manufacturers:</b> <a href="#">SII Semiconductor Corporation</a> | <a href="#">RFQ</a> |
|                  | <b>Part#:</b> <a href="#">S-8338ACFA-P8T1G</a><br><b>Description:</b> IC REG CTRLR BOOST 8SON   | <b>Manufacturers:</b> <a href="#">SII Semiconductor Corporation</a> | <a href="#">RFQ</a> |
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