

SII SII Semiconductor Corporation

SII Semiconductor Corporation

### S-8337AAHB-P8T1G

Part Number: S-8337AAHB-P8T1G  
 Manufacturer/Brand: SII Semiconductor Corporation  
 Product description: IC REG CTRLR BOOST 8SON  
 Datasheets: [S-8337AAHB-P8T1G.pdf](#)  
 RoHs Status: Lead free / RoHS Compliant  
 Stock Condition: 141422 pcs stock  
 Ship From: Hong Kong  
 Shipment Way: DHL/Fedex/TNT/UPS/EMS



**REQUEST FOR QUOTATION**

Image may be representation. See specifications for product details.

#### Specifications of S-8337AAHB-P8T1G

|                                  |   |
|----------------------------------|---|
| PART NUMBER                      | S-8337AAHB-P8T1G  |
| MANUFACTURER                     | SII Semiconductor Corporation   |
| DESCRIPTION                      | IC REG CTRLR BOOST 8SON   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant  |
| QUANTITY AVAILABLE               | 141422 pcs  |
| DATA SHEET                       | <a href="#">S-8337AAHB-P8T1G.pdf</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)                 | 89%   |
| 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  |

#### Related Tags

|  |  |  |
|--|--|--|
| SII Semiconductor Corporation S-8337AAHB-P8T1G | S-8337AAHB-P8T1G Distributor           | S-8337AAHB-P8T1G Supplier                          |
| S-8337AAHB-P8T1G Price                         | S-8337AAHB-P8T1G Pictures              | S-8337AAHB-P8T1G Image                             |
| S-8337AAHB-P8T1G PDF Datasheet                 | S-8337AAHB-P8T1G Download Datasheet    | S-8337AAHB-P8T1G Datasheet                         |
| S-8337AAHB-P8T1G Stock                         | Buy S-8337AAHB-P8T1G                   | Buy SII Semiconductor Corporation S-8337AAHB-P8T1G |
| SII Semiconductor Corporation S-8337AAHB-P8T1G | SII Semiconductor Corporation Supplier | SII Semiconductor Corporation Distributor          |
| SII Semiconductor Corporation S-8337AAHB-P8T1G |  |  |

#### Related Products

|   |   |
|---|---|
| <p><b>S-8337AAGB-T8T1G</b><br/>                 Manufacturers: SII Semiconductor Corporation<br/>                 Description: IC REG CTRLR BOOST 8TSSOP<br/>                 In stock: 127356 pcs<br/> <a href="#">RFQ</a></p> | <p><b>S-8337AAIA-P8T1G</b><br/>                 Manufacturers: SII Semiconductor Corporation<br/>                 Description: IC REG CTRLR BOOST 8SON<br/>                 In stock: 156016 pcs<br/> <a href="#">RFQ</a></p>   |
| <p><b>S-8337AAHC-T8T1G</b><br/>                 Manufacturers: SII Semiconductor Corporation<br/>                 Description: IC REG CTRLR BOOST 8TSSOP<br/>                 In stock: 139088 pcs<br/> <a href="#">RFQ</a></p> | <p><b>S-8337AAGC-T8T1G</b><br/>                 Manufacturers: SII Semiconductor Corporation<br/>                 Description: IC REG CTRLR BOOST 8TSSOP<br/>                 In stock: 147545 pcs<br/> <a href="#">RFQ</a></p> |
| <p><b>S-8337AAHA-P8T1G</b><br/>                 Manufacturers: SII Semiconductor Corporation<br/>                 Description: IC REG CTRLR BOOST 8SON<br/>                 In stock: 158262 pcs<br/> <a href="#">RFQ</a></p>   | <p><b>S-8337AAHA-T8T1G</b><br/>                 Manufacturers: SII Semiconductor Corporation<br/>                 Description: IC REG CTRLR BOOST 8TSSOP<br/>                 In stock: 139429 pcs<br/> <a href="#">RFQ</a></p> |
| <p><b>S-8337AAIA-T8T1G</b><br/>                 Manufacturers: SII Semiconductor Corporation<br/>                 Description: IC REG CTRLR BOOST 8TSSOP<br/>                 In stock: 130717 pcs<br/> <a href="#">RFQ</a></p> | <p><b>S-8337AAHC-P8T1G</b><br/>                 Manufacturers: SII Semiconductor Corporation<br/>                 Description: IC REG CTRLR BOOST 8SON<br/>                 In stock: 149547 pcs<br/> <a href="#">RFQ</a></p>   |
| <p><b>S-8337AAGC-P8T1G</b><br/>                 Manufacturers: SII Semiconductor Corporation<br/>                 Description: IC REG CTRLR BOOST 8SON<br/>                 In stock: 132672 pcs<br/> <a href="#">RFQ</a></p>   | <p><b>S-8337AAGB-P8T1G</b><br/>                 Manufacturers: SII Semiconductor Corporation<br/>                 Description: IC REG CTRLR BOOST 8SON<br/>                 In stock: 152689 pcs<br/> <a href="#">RFQ</a></p>   |
| <p><b>S-8337AAHB-T8T1G</b><br/>                 Manufacturers: SII Semiconductor Corporation<br/>                 Description: IC REG CTRLR BOOST 8TSSOP<br/>                 In stock: 129105 pcs<br/> <a href="#">RFQ</a></p> | <p><b>S-8337AAIB-P8T1G</b><br/>                 Manufacturers: SII Semiconductor Corporation<br/>                 Description: IC REG CTRLR BOOST 8SON<br/>                 In stock: 166942 pcs<br/> <a href="#">RFQ</a></p>   |