



SII Semiconductor Corporation



Image may be representation. See specifications for product details.

### S-8521D45MC-BYET2U

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | S-8521D45MC-BYET2U                                                                                           |
| Manufacturer/Brand: | SII Semiconductor Corporation                                                                                |
| Product description | IC REG CTRLR BUCK SOT23-5                                                                                    |
| Datasheets:         |  S-8521D45MC-BYET2U.pdf     |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 237753 pcs stock                                                                                             |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

#### Specifications of S-8521D45MC-BYET2U

|                                  |                                                                                                            |
|----------------------------------|------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | S-8521D45MC-BYET2U                                                                                         |
| MANUFACTURER                     | SII Semiconductor Corporation                                                                              |
| DESCRIPTION                      | IC REG CTRLR BUCK SOT23-5                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                 |
| QUANTITY AVAILABLE               | 237753 pcs                                                                                                 |
| DATA SHEET                       |  S-8521D45MC-BYET2U.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.5 V ~ 16 V                                                                                               |
| TOPOLOGY                         | Buck                                                                                                       |
| SYNCHRONOUS RECTIFIER            | No                                                                                                         |
| SUPPLIER DEVICE PACKAGE          | SOT-23-5                                                                                                   |
| SERIES                           | -                                                                                                          |
| SERIAL INTERFACES                | -                                                                                                          |
| PACKAGING                        | Tape & Reel (TR)                                                                                           |
| PACKAGE / CASE                   | SC-74A, SOT-753                                                                                            |
| 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-Down                                                                                                  |
| FREQUENCY - SWITCHING            | 60kHz                                                                                                      |
| DUTY CYCLE (MAX)                 | 100%                                                                                                       |
| DETAILED DESCRIPTION             | Buck Regulator Positive Output Step-Down DC-DC Controller IC SOT-23-5                                      |
| CONTROL FEATURES                 | Enable                                                                                                     |
| CLOCK SYNC                       | No                                                                                                         |

#### Related Tags

|                                                  |                                        |                                                      |
|--------------------------------------------------|----------------------------------------|------------------------------------------------------|
| SII Semiconductor Corporation S-8521D45MC-BYET2U | S-8521D45MC-BYET2U Distributor         | S-8521D45MC-BYET2U Supplier                          |
| S-8521D45MC-BYET2U Price                         | S-8521D45MC-BYET2U Pictures            | S-8521D45MC-BYET2U Image                             |
| S-8521D45MC-BYET2U PDF Datasheet                 | S-8521D45MC-BYET2U Download Datasheet  | S-8521D45MC-BYET2U Datasheet                         |
| S-8521D45MC-BYET2U Stock                         | Buy S-8521D45MC-BYET2U                 | Buy SII Semiconductor Corporation S-8521D45MC-BYET2U |
| SII Semiconductor Corporation S-8521D45MC-BYET2U | SII Semiconductor Corporation Supplier | SII Semiconductor Corporation Distributor            |
| SII Semiconductor Corporation S-8521D45MC-BYET2U |                                        |                                                      |

#### Related Products

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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>S-8521D55MC-BYOT2U</b><br/>Manufacturers: SII Semiconductor Corporation<br/>Description: IC REG CTRLR BUCK SOT23-5<br/>In stock: 233317 pcs<br/><b>RFQ</b></div> |  <div><b>S-8521D35MC-BXUT2G</b><br/>Manufacturers: SII Semiconductor Corporation<br/>Description: IC REG CTRLR BUCK SOT23-5<br/>In stock: 215361 pcs<br/><b>RFQ</b></div> |
|  <div><b>S-8521D52MC-BYLT2U</b><br/>Manufacturers: SII Semiconductor Corporation<br/>Description: IC REG CTRLR BUCK SOT23-5<br/>In stock: 204565 pcs<br/><b>RFQ</b></div> |  <div><b>S-8521E15MC-BLAT2G</b><br/>Manufacturers: SII Semiconductor Corporation<br/>Description: IC REG CTRLR BUCK SOT23-5<br/>In stock: 211653 pcs<br/><b>RFQ</b></div> |
|  <div><b>S-8521D50MC-BYJT2U</b><br/>Manufacturers: SII Semiconductor Corporation<br/>Description: IC REG CTRLR BUCK SOT23-5<br/>In stock: 214829 pcs<br/><b>RFQ</b></div> |  <div><b>S-8521D36MC-BXVT2G</b><br/>Manufacturers: SII Semiconductor Corporation<br/>Description: IC REG CTRLR BUCK SOT23-5<br/>In stock: 233020 pcs<br/><b>RFQ</b></div> |
|  <div><b>S-8521D40MC-BXZT2G</b><br/>Manufacturers: SII Semiconductor Corporation<br/>Description: IC REG CTRLR BUCK SOT23-5<br/>In stock: 261985 pcs<br/><b>RFQ</b></div> |  <div><b>S-8521D36MC-BXVT2U</b><br/>Manufacturers: SII Semiconductor Corporation<br/>Description: IC REG CTRLR BUCK SOT23-5<br/>In stock: 233819 pcs<br/><b>RFQ</b></div> |
|  <div><b>S-8521D52MC-BYLT2G</b><br/>Manufacturers: SII Semiconductor Corporation<br/>Description: IC REG CTRLR BUCK SOT23-5<br/>In stock: 248013 pcs<br/><b>RFQ</b></div> |  <div><b>S-8521D35MC-BXUT2U</b><br/>Manufacturers: SII Semiconductor Corporation<br/>Description: IC REG CTRLR BUCK SOT23-5<br/>In stock: 230564 pcs<br/><b>RFQ</b></div> |
|  <div><b>S-8521D40MC-BXZT2U</b><br/>Manufacturers: SII Semiconductor Corporation<br/>Description: IC REG CTRLR BUCK SOT23-5<br/>In stock: 201565 pcs<br/><b>RFQ</b></div> |  <div><b>S-8521D50MC-BYJT2G</b><br/>Manufacturers: SII Semiconductor Corporation<br/>Description: IC REG CTRLR BUCK SOT23-5<br/>In stock: 204553 pcs<br/><b>RFQ</b></div> |