



Maxim Integrated



Image may be representation. See specifications for product details.

MAX1652EEE+T

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MAX1652EEE+T                                                                                                 |
| Manufacturer/Brand: | Maxim Integrated                                                                                             |
| Product description | IC REG CTRLR BUCK 16QSOP                                                                                     |
|                     |  1.MAX1652EEE+T.pdf         |
|                     |  2.MAX1652EEE+T.pdf         |
| Datasheets:         |  Lead free / RoHS Compliant |
| RoHs Status         | Hong Kong                                                                                                    |
| Ship From           |                                                                                                              |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of MAX1652EEE+T

|                                  |                                                                                                                                                                                                                  |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MAX1652EEE+T                                                                                                                                                                                                     |
| MANUFACTURER                     | Maxim Integrated                                                                                                                                                                                                 |
| DESCRIPTION                      | IC REG CTRLR BUCK 16QSOP                                                                                                                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                       |
| DATA SHEET                       |  1.MAX1652EEE+T.pdf<br> 2.MAX1652EEE+T.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 4.5 V ~ 30 V                                                                                                                                                                                                     |
| TOPOLOGY                         | Buck                                                                                                                                                                                                             |
| SYNCHRONOUS RECTIFIER            | Yes                                                                                                                                                                                                              |
| SUPPLIER DEVICE PACKAGE          | 16-QSOP                                                                                                                                                                                                          |
| SERIES                           | -                                                                                                                                                                                                                |
| SERIAL INTERFACES                | -                                                                                                                                                                                                                |
| PACKAGING                        | Tape & Reel (TR)                                                                                                                                                                                                 |
| PACKAGE / CASE                   | 16-SSOP (0.154", 3.90mm Width)                                                                                                                                                                                   |
| OUTPUT TYPE                      | Transistor Driver                                                                                                                                                                                                |
| OUTPUT PHASES                    | 1                                                                                                                                                                                                                |
| OUTPUT CONFIGURATION             | Positive                                                                                                                                                                                                         |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                |
| NUMBER OF OUTPUTS                | 2                                                                                                                                                                                                                |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                                                    |
| MANUFACTURER STANDARD LEAD TIME  | 6 Weeks                                                                                                                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                       |
| FUNCTION                         | Step-Down                                                                                                                                                                                                        |
| FREQUENCY - SWITCHING            | 150kHz, 300kHz                                                                                                                                                                                                   |
| DUTY CYCLE (MAX)                 | 98%                                                                                                                                                                                                              |
| DETAILED DESCRIPTION             | Buck Regulator Positive Output Step-Down DC-DC Controller IC 16-QSOP                                                                                                                                             |
| CONTROL FEATURES                 | Enable, Soft Start                                                                                                                                                                                               |
| CLOCK SYNC                       | Yes                                                                                                                                                                                                              |
| BASE PART NUMBER                 | MAX1652                                                                                                                                                                                                          |

Related Tags

|                               |                                 |                                   |
|-------------------------------|---------------------------------|-----------------------------------|
| Maxim Integrated MAX1652EEE+T | MAX1652EEE+T Distributor        | MAX1652EEE+T Supplier             |
| MAX1652EEE+T Price            | MAX1652EEE+T Pictures           | MAX1652EEE+T Image                |
| MAX1652EEE+T PDF Datasheet    | MAX1652EEE+T Download Datasheet | MAX1652EEE+T Datasheet            |
| MAX1652EEE+T Stock            | Buy MAX1652EEE+T                | Buy Maxim Integrated MAX1652EEE+T |
| Maxim Integrated MAX1652EEE+T | Maxim Integrated Supplier       | Maxim Integrated Distributor      |
| Maxim Integrated MAX1652EEE+T |                                 |                                   |

Related Products

|                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div><b>MAX16520M1EVKIT#</b><br/>Manufacturers: Maxim Integrated<br/>Description: EVAL KIT MAX16520M1<br/>In stock: Out stock<br/>RFQ</div></div>  | <div><div><b>MAX1653ESE</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC REG CTRLR BUCK 16SOIC<br/>In stock: Out stock<br/>RFQ</div></div> |
| <div><div><b>MAX1652EEE+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC REG CTRLR BUCK 16QSOP<br/>In stock: 195 pcs<br/>RFQ</div></div>    | <div><div><b>MAX16520AGFB+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC REG CONTROLLER SMD<br/>In stock: Out stock<br/>RFQ</div></div> |
| <div><div><b>MAX1653EEE+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC REG CTRLR BUCK 16QSOP<br/>In stock: 75 pcs<br/>RFQ</div></div>     | <div><div><b>MAX1653EEE</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC REG CTRLR BUCK 16QSOP<br/>In stock: Out stock<br/>RFQ</div></div> |
| <div><div><b>MAX1653EEE-T</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC REG CTRLR BUCK 16QSOP<br/>In stock: Out stock<br/>RFQ</div></div> | <div><div><b>MAX1653ESE+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC REG CTRLR BUCK 16SOIC<br/>In stock: 151 pcs<br/>RFQ</div></div>  |
| <div><div><b>MAX1651ESA+T</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC REG CTRLR BUCK 8SOIC<br/>In stock: Out stock<br/>RFQ</div></div>  | <div><div><b>MAX16520GFB+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC REG CONTROLLER SMD<br/>In stock: Out stock<br/>RFQ</div></div>  |
| <div><div><b>MAX1653EEE+T</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC REG CTRLR BUCK 16QSOP<br/>In stock: Out stock<br/>RFQ</div></div> | <div><div><b>MAX1652EEE</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC REG CTRLR BUCK 16QSOP<br/>In stock: Out stock<br/>RFQ</div></div> |