

MAX8523EEEE+T



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**Part Number:** [MAX8523EEEE+T](#)

**Manufacturer:** [Maxim Integrated](#)

**Description:** IC REG CTRLR BUCK 16QSOP

**Data sheet:**  [Part Numbering System](#)  
 [MAX8523](#)

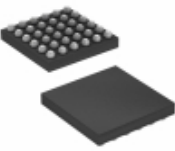
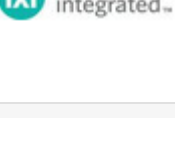
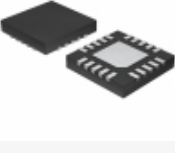
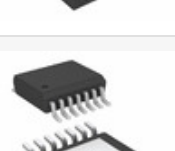
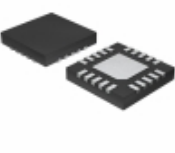
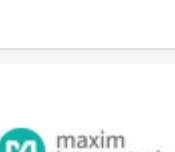
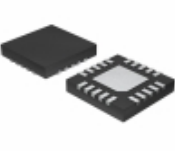
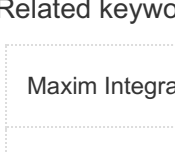
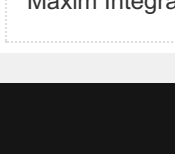
**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

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

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                           |                                |                                                                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|----------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                | MAX8523EEEE+T                             | Manufacturer                   | <a href="#">Maxim Integrated</a>                                     |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                | IC REG CTRLR BUCK 16QSOP                  | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                         | 4858 pcs                                  | Data sheet                     | <a href="#">Part Numbering System</a><br><a href="#">MAX8523</a>     |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)     | 4.5 V ~ 6.5 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                                                                                                                                                                                                                                                                                                                                                                                                                                              | 2                                         | Output Configuration           | Positive                                                             |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                      | -40°C ~ 85°C (TA)                         | Number of Outputs              | 2                                                                    |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                           | 1 (Unlimited)                             | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                           |
| Function                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Step-Down                                 | Frequency - Switching          | Up to 1.2MHz                                                         |
| Duty Cycle (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                           | -                                         | Detailed Description           | Buck Regulator Positive Output Step-Down DC-DC Controller IC 16-QSOP |
| Control Features                                                                                                                                                                                                                                                                                                                                                                                                                                           | -                                         | Clock Sync                     | No                                                                   |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                           | MAX8523                                   |                                |                                                                      |
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| RELATED PRODUCTS                                                                   |                                                                                        |                                                 |                |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-------------------------------------------------|----------------|
|  | Part#: <a href="#">MAX8521EWX+T</a><br>Description: IC DRVR PWR TEC 36-WLP             | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX8520ATP/V+T</a><br>Description: IC POWER MANAGEMENT              | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX8525EVKIT</a><br>Description: EVAL KIT FOR MAX8525               | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX851ISA+</a><br>Description: IC REG SWTCHD CAP INV 5MA 8SOIC      | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX8526EUD+T</a><br>Description: IC REG LINEAR POS ADJ 2A 14TSSOP   | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX8520ETP+T</a><br>Description: IC DRVR PWR TEC 20-TQFN            | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX8524EEI+</a><br>Description: IC REG CTRLR BUCK 28QSOP            | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX8520ETP+</a><br>Description: IC DRVR PWR TEC 20-TQFN             | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX8526EVKIT+</a><br>Description: KIT EVAL FOR MAX8526              | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX8525EEI+</a><br>Description: IC REG CTRLR BUCK 28QSOP            | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX8527EUD/V+T</a><br>Description: IC REG LINEAR POS ADJ 2A 14TSSOP | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX8527EUD+</a><br>Description: IC REG LINEAR POS ADJ 2A 14TSSOP    | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX8526EUD+</a><br>Description: IC REG LINEAR POS ADJ 2A 14TSSOP    | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX8521ETP+T</a><br>Description: IC DRVR PWR TEC 20-TQFN            | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX8523EEEE+</a><br>Description: IC REG CTRLR BUCK 16QSOP           | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX8528EUD+</a><br>Description: IC REG LINEAR POS ADJ 2A 14TSSOP    | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX851ISA+T</a><br>Description: IC REG SWTCHD CAP INV 5MA 8SOIC     | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX8520ATP/V+</a><br>Description: IC POWER MANAGEMENT               | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX8527EUD+T</a><br>Description: IC REG LINEAR POS ADJ 2A 14TSSOP   | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX8521ETP+</a><br>Description: IC DRVR PWR TEC 20-TQFN             | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |

Related keywords for MAX8523EEEE+T

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