

MAX15004AAUE+T





**Part Number:** [MAX15004AAUE+T](#)

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

**Description:** IC REG CTRLR MULT TOP 16TSSOP

**Data sheet:**  [Part Numbering System](#)  
 [MAX15004-05](#)

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

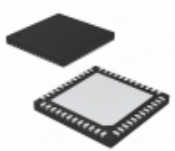
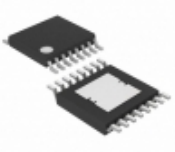
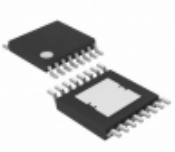
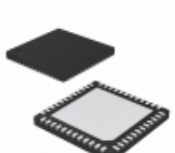
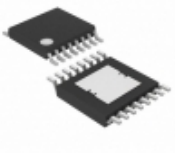
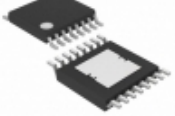
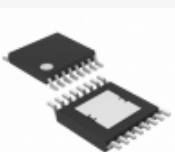
**Ship From:** Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                               |                                 |                                                                      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|---------------------------------|----------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                  | MAX15004AAUE+T                                                                                                                | Manufacturer                    | <a href="#">Maxim Integrated</a>                                     |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                  | IC REG CTRLR MULT TOP 16TSSOP                                                                                                 | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                           | 62667 pcs                                                                                                                     | Data sheet                      | <a href="#">Part Numbering System</a><br><a href="#">MAX15004-05</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <a href="#">Integrated Circuits (ICs)</a>                                                                                     | Voltage - Supply (Vcc/Vdd)      | 4.5 V ~ 40 V                                                         |
| Topology                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Boost, Flyback, SEPIC                                                                                                         | Synchronous Rectifier           | No                                                                   |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                      | 16-TSSOP-EP                                                                                                                   | Series                          | -                                                                    |
| Serial Interfaces                                                                                                                                                                                                                                                                                                                                                                                                                                            | -                                                                                                                             | Packaging                       | Tape & Reel (TR)                                                     |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                               | 16-TSSOP (0.173", 4.40mm Width) Exposed Pad                                                                                   | Output Type                     | Transistor Driver                                                    |
| Output Phases                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1                                                                                                                             | Output Configuration            | Positive, Isolation Capable                                          |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                        | -40°C ~ 125°C (TJ)                                                                                                            | Number of Outputs               | 1                                                                    |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                             | 1 (Unlimited)                                                                                                                 | Manufacturer Standard Lead Time | 6 Weeks                                                              |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                               | Lead free / RoHS Compliant                                                                                                    | Function                        | Step-Up, Step-Up/Step-Down                                           |
| Frequency - Switching                                                                                                                                                                                                                                                                                                                                                                                                                                        | 15kHz ~ 500kHz                                                                                                                | Duty Cycle (Max)                | 50%                                                                  |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                         | Boost, Flyback, SEPIC Regulator Positive, Isolation Capable Output Step-Up, Step-Up/Step-Down DC-DC Controller IC 16-TSSOP-EP | Control Features                | Enable, Frequency Control, Soft Start                                |
| Clock Sync                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Yes                                                                                                                           | Base Part Number                | MAX15004                                                             |
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| RELATED PRODUCTS                                                                   |                                                                                       |                                                 |                     |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------------------|---------------------|
|  | Part#: <a href="#">MAX15001AEUB+</a><br>Description: IC REG CTRLR BOOST/FLYBK 10UMAX  | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX15003ATM+</a><br>Description: IC REG CTRLR BUCK 48TQFN          | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX15005AAUE+T</a><br>Description: IC REG CTRLR MULT TOP 16TSSOP   | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX15003EVKIT+</a><br>Description: KIT EVAL FOR MAX15003           | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX15004AAUE/V+</a><br>Description: IC REG CTRLR MULT TOP 16TSSOP  | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX15001AEUB+T</a><br>Description: IC REG CTRLR BOOST/FLYBK 10UMAX | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX15003ATM+T</a><br>Description: IC REG CTRLR BUCK 48TQFN         | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX15004AAUE/V+T</a><br>Description: IC REG CTRLR MULT TOP 16TSSOP | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX15005AAUE+</a><br>Description: IC REG CTRLR MULT TOP 16TSSOP    | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">MAX15002ATL+T</a><br>Description: IC REG CTRLR BUCK 40TQFN         | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX15004BAUE/V+</a><br>Description: IC REG CTRLR MULT TOP 16TSSOP  | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX15005AAUE/V+T</a><br>Description: IC REG CTRLR MULT TOP 16TSSOP | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX15000BEUB+T</a><br>Description: IC REG CTRLR BOOST/FLYBK 10UMAX | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX15004BAUE+</a><br>Description: IC REG CTRLR MULT TOP 16TSSOP    | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">MAX15004BAUE+T</a><br>Description: IC REG CTRLR MULT TOP 16TSSOP   | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
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Related keywords for MAX15004AAUE+T

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