

MAX15036ATE/V+T





Part Number: [MAX15036ATE/V+T](#)

Manufacturer: [Maxim Integrated](#)

Description: IC REG BUCK BOOST ADJ 3A 16WQFN

Data sheet:  [MAX15036-37](#)  
 [Part Numbering System](#)

RoHs Status: Lead free / RoHS Compliant

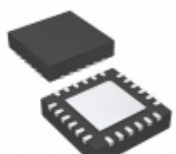
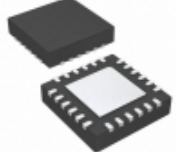
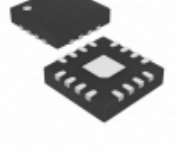
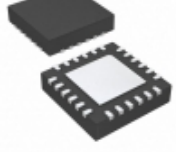
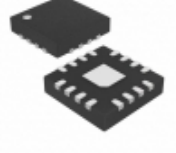
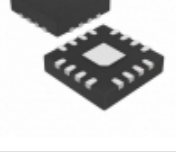
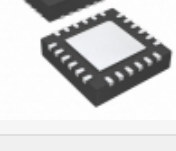
Ship From: Hong Kong

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

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See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                             |                                |                                                                      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|--------------------------------|----------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                  | MAX15036ATE/V+T                                                                             | Manufacturer                   | <a href="#">Maxim Integrated</a>                                     |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                  | IC REG BUCK BOOST ADJ 3A 16WQFN                                                             | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                           | 4825 pcs                                                                                    | Data sheet                     | <a href="#">MAX15036-37</a><br><a href="#">Part Numbering System</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <a href="#">Integrated Circuits (ICs)</a>                                                   | Voltage - Output (Min/Fixed)   | 0.6V                                                                 |
| Voltage - Output (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                       | 28V                                                                                         | Voltage - Input (Min)          | 4.5V                                                                 |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                        | 23V                                                                                         | Topology                       | Buck, Boost                                                          |
| Synchronous Rectifier                                                                                                                                                                                                                                                                                                                                                                                                                                        | No                                                                                          | Supplier Device Package        | 16-TQFN (5x5)                                                        |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Automotive, AEC-Q100                                                                        | Packaging                      | Tape & Reel (TR)                                                     |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                               | 16-WQFN Exposed Pad                                                                         | Output Type                    | Adjustable                                                           |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                         | Positive                                                                                    | Operating Temperature          | -40°C ~ 125°C (TJ)                                                   |
| Number of Outputs                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1                                                                                           | Mounting Type                  | Surface Mount                                                        |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                             | 1 (Unlimited)                                                                               | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                           |
| Function                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Step-Up, Step-Down                                                                          | Frequency - Switching          | 312kHz ~ 2.1MHz                                                      |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                         | Buck, Boost Switching Regulator IC Positive Adjustable 0.6V 1 Output 3A 16-WQFN Exposed Pad | Current - Output               | 3A                                                                   |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                             | MAX15036                                                                                    |                                |                                                                      |
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| RELATED PRODUCTS                                                                   |                                                                                       |                                                 |                |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------------------|----------------|
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|  | Part#: <a href="#">MAX15034BEVKIT+</a><br>Description: KIT EVALUATION FOR MAX15034    | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX15039ETG+</a><br>Description: IC REG BUCK ADJ/PROG 6A 24TQFN    | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX15034BAUI+</a><br>Description: IC REG CTRLR BUCK 28TSSOP        | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX15034AAUI+T</a><br>Description: IC REG CTRLR BUCK 28TSSOP       | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MAX15036ATE+</a><br>Description: IC REG BUCK BOOST ADJ 3A 16TQFN   | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX15038ETG+</a><br>Description: IC REG BUCK ADJ/PROG 4A 24TQFN    | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX15040EVKIT+</a><br>Description: EVAL KIT MAX15040               | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX15037ATE+</a><br>Description: IC REG BUCK ADJ 3A 16TQFN         | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX15035ETL+</a><br>Description: IC REG BUCK ADJ 15A SYNC 40TQFN   | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX15035EVKIT+</a><br>Description: EVALUATION KIT FOR MAX15035     | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX15039EVKIT+</a><br>Description: EVALUATION KIT FOR MAX15039     | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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Related keywords for MAX15036ATE/V+T

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