

MAX8643AETG+





Part Number: [MAX8643AETG+](#)

Manufacturer: [Maxim Integrated](#)

Description: IC REG BUCK ADJ 3A SYNC 24TQFN

Data sheet:  [MAX8643A](#)  
 [Part Numbering System](#)  
 [EE-Sim Design, Simulation Environment Guide](#)

RoHs Status: Lead free / RoHS Compliant

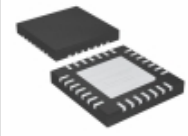
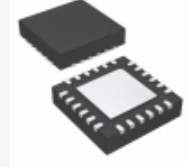
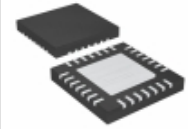
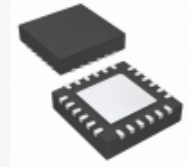
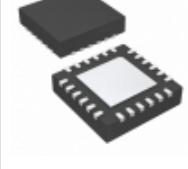
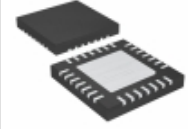
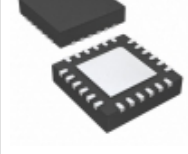
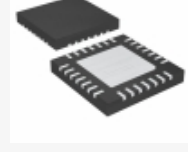
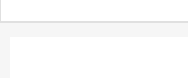
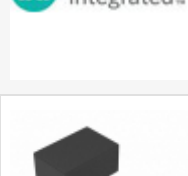
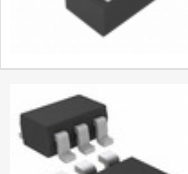
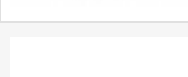
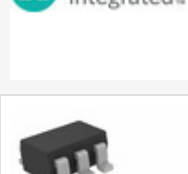
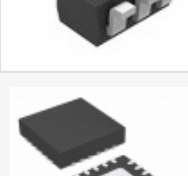
Ship From: Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                           |                                 |                                                                                                                                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                | MAX8643AETG+                              | Manufacturer                    | <a href="#">Maxim Integrated</a>                                                                                                 |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                | IC REG BUCK ADJ 3A SYNC 24TQFN            | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                                                       |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                         | 29805 pcs                                 | Data sheet                      | <a href="#">MAX8643A</a><br><a href="#">Part Numbering System</a><br><a href="#">EE-Sim Design, Simulation Environment Guide</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Output (Min/Fixed)    | 0.6V                                                                                                                             |
| Voltage - Output (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                     | 3.24V                                     | Voltage - Input (Min)           | 2.35V                                                                                                                            |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                      | 3.6V                                      | Topology                        | Buck                                                                                                                             |
| Synchronous Rectifier                                                                                                                                                                                                                                                                                                                                                                                                                                      | Yes                                       | Supplier Device Package         | 24-TQFN (4x4)                                                                                                                    |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -                                         | Packaging                       | Tube                                                                                                                             |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                             | 24-WFQFN Exposed Pad                      | Output Type                     | Adjustable                                                                                                                       |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                       | Positive                                  | Operating Temperature           | -40°C ~ 85°C (TA)                                                                                                                |
| Number of Outputs                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1                                         | Mounting Type                   | Surface Mount                                                                                                                    |
| 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                                                                                                                                                                                                                                                                                                                                                                                                                                      | 500kHz ~ 2MHz                             | Detailed Description            | Buck Switching Regulator IC Positive Adjustable 0.6V 1 Output 3A 24-WFQFN Exposed Pad                                            |
| Current - Output                                                                                                                                                                                                                                                                                                                                                                                                                                           | 3A                                        | Base Part Number                | MAX8643                                                                                                                          |
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|  | Part#: <a href="#">MAX8645XETI+T</a><br>Description: IC LED DRIVER RGLTR DIM 28TQFN     | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX8643ETG+</a><br>Description: IC REG BUCK ADJ 3A SYNC 24TQFN       | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX8643AETG/V+T</a><br>Description: IC REG BUCK ADJ 3A SYNC 24TQFN   | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MAX8645YETI+</a><br>Description: IC LED DRIVER RGLTR DIM 28TQFN      | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MAX8645YETI+T</a><br>Description: IC LED DRIVER RGLTR DIM 28TQFN     | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MAX8640ZEXT13+</a><br>Description: IC POWER MANAGEMENT               | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MAX8640ZEXT12+T</a><br>Description: IC REG BCK 1.2V 0.5A SYNC SC70-6 | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX8640ZEXT19+T</a><br>Description: IC REG BCK 1.9V 0.5A SYNC SC70-6 | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MAX8643ETG+T</a><br>Description: IC REG BUCK ADJ 3A SYNC 24TQFN      | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |

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