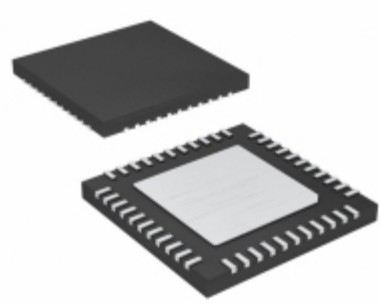


MAX5037AETH-T





Part Number: [MAX5037AETH-T](#)

Manufacturer: [Maxim Integrated](#)

Description: IC REG CTRLR BUCK 44TQFN

Data sheet:  [Part Numbering System](#)  
 [MAX5037A](#)

RoHs Status: Lead free / RoHS Compliant

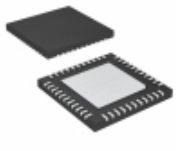
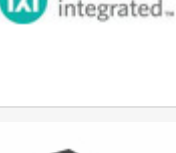
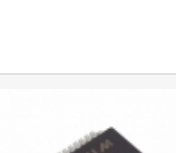
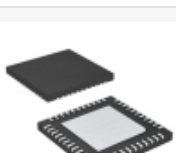
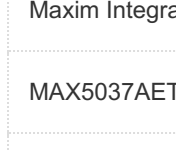
Ship From: Hong Kong

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

Images are for reference only.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                           |                                |                                                                               |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|-------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                | MAX5037AETH-T                             | Manufacturer                   | <a href="#">Maxim Integrated</a>                                              |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                | IC REG CTRLR BUCK 44TQFN                  | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                    |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                         | 6033 pcs                                  | Data sheet                     | <a href="#">Part Numbering System</a><br><a href="#">MAX5037A</a>             |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)     | 4.75 V ~ 28 V                                                                 |
| Topology                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Buck                                      | Synchronous Rectifier          | Yes                                                                           |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                    | 44-TQFN-EP (7x7)                          | Series                         | -                                                                             |
| Serial Interfaces                                                                                                                                                                                                                                                                                                                                                                                                                                          | -                                         | Packaging                      | Tape & Reel (TR)                                                              |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                             | 44-WFQFN Exposed Pad                      | 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          | 250kHz, 500kHz                                                                |
| Duty Cycle (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                           | -                                         | Detailed Description           | Buck Regulator Positive Output Step-Down DC-DC Controller IC 44-TQFN-EP (7x7) |
| Control Features                                                                                                                                                                                                                                                                                                                                                                                                                                           | Enable, Phase Control, Power Good         | Clock Sync                     | No                                                                            |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                           | MAX5037                                   |                                |                                                                               |
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| RELATED PRODUCTS                                                                   |                                                                                 |                                                 |                |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|-------------------------------------------------|----------------|
|  | Part#: <a href="#">MAX5037ETH-T</a><br>Description: IC REG CTRLR BUCK 44TQFN    | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX5038AEAI25</a><br>Description: IC REG CTRLR BUCK 28SSOP   | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX5038AEAI15-T</a><br>Description: IC REG CTRLR BUCK 28SSOP | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX5035EASA+</a><br>Description: IC REG BUCK ADJ 1A 8SOIC    | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX5035DUSA-T</a><br>Description: IC REG BUCK ADJ 1A 8SOIC   | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX5037AETH</a><br>Description: IC REG CTRLR BUCK 44TQFN     | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX5035EUSA+</a><br>Description: IC REG BUCK ADJ 1A 8SOIC    | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX5038AEAI18-T</a><br>Description: IC REG CTRLR BUCK 28SSOP | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX5038AEAI15</a><br>Description: IC REG CTRLR BUCK 28SSOP   | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX5035DUSA+T</a><br>Description: IC REG BUCK ADJ 1A 8SOIC   | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX5037AEMH</a><br>Description: IC REG CTRLR BUCK 44MQFP     | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX5037ETH</a><br>Description: IC REG CTRLR BUCK 44TQFN      | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX5035DUSA+</a><br>Description: IC REG BUCK ADJ 1A 8SOIC    | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX5037EMH</a><br>Description: IC REG CTRLR BUCK 44MQFP      | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX5038AEAI18</a><br>Description: IC REG CTRLR BUCK 28SSOP   | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX5037EMH-T</a><br>Description: IC REG CTRLR BUCK 44MQFP    | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX5035EUSA+T</a><br>Description: IC REG BUCK ADJ 1A 8SOIC   | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX5037EVKIT</a><br>Description: EVAL KIT FOR MAX5037        | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX5037AEMH-T</a><br>Description: IC REG CTRLR BUCK 44MQFP   | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX5035EVKIT</a><br>Description: EVAL KIT FOR MAX5035        | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |

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