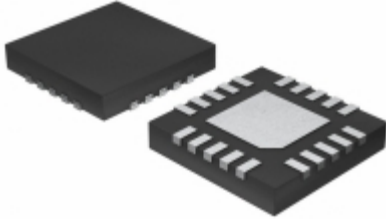


MAX1844ETP+



Images are for reference only.  
See Product Specifications for product details.  
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Part Number:

MAX1844ETP+

Manufacturer:

Maxim Integrated

Description:

IC REG CTRLR BUCK 20-TQFN

Data sheet:

MAX1844

Part Numbering System

RoHs Status:

Lead free / RoHS Compliant

Ship From:

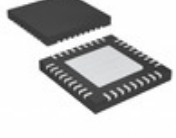
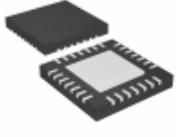
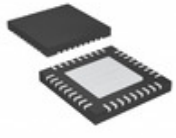
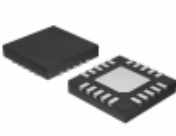
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                         |                                                    |                                |                                                                            |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|--------------------------------|----------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                               | MAX1844ETP+                                        | Manufacturer                   | Maxim Integrated                                                           |
| Description                                                                                                                                                                                                                                                                                                                                                                                               | IC REG CTRLR BUCK 20-TQFN                          | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                 |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                        | 5610 pcs                                           | Data sheet                     | MAX1844<br>Part Numbering System                                           |
| Category                                                                                                                                                                                                                                                                                                                                                                                                  | Integrated Circuits (ICs)                          | Voltage - Supply (Vcc/Vdd)     | 4.5 V ~ 5.5 V                                                              |
| Topology                                                                                                                                                                                                                                                                                                                                                                                                  | Buck                                               | Synchronous Rectifier          | Yes                                                                        |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                   | 20-TQFN (4x4)                                      | Series                         | -                                                                          |
| Serial Interfaces                                                                                                                                                                                                                                                                                                                                                                                         | -                                                  | Packaging                      | Tube                                                                       |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                            | 20-WFQFN Exposed Pad                               | Output Type                    | Transistor Driver                                                          |
| Output Phases                                                                                                                                                                                                                                                                                                                                                                                             | 1                                                  | Output Configuration           | Positive                                                                   |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                     | -40°C ~ 85°C (TA)                                  | Number of Outputs              | 1                                                                          |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                          | 1 (Unlimited)                                      | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                 |
| Function                                                                                                                                                                                                                                                                                                                                                                                                  | Step-Down                                          | Frequency - Switching          | 200kHz, 300kHz, 450kHz, 600kHz                                             |
| Duty Cycle (Max)                                                                                                                                                                                                                                                                                                                                                                                          | -                                                  | Detailed Description           | Buck Regulator Positive Output Step-Down DC-DC Controller IC 20-TQFN (4x4) |
| Control Features                                                                                                                                                                                                                                                                                                                                                                                          | Current Limit, Enable, On Time Control, Power Good | Clock Sync                     | No                                                                         |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                          | MAX1844                                            |                                |                                                                            |
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|  | Part#: <a href="#">MAX1843ETI+</a><br>Description: IC REG BUCK ADJ/PROG 2.7A 28TQFN  | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX1845ETX+</a><br>Description: IC REG CTRLR BUCK 36TQFN          | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX1846EUB+</a><br>Description: IC REG CTRLR FLYBACK 10UMAX       | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX1844ETP+T</a><br>Description: IC REG CTRLR BUCK 20-TQFN        | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX1846EUB+T</a><br>Description: IC REG CTRLR FLYBACK 10UMAX      | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX1841EUB+</a><br>Description: IC TRANS LEVEL SIM 10-UMAX        | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX1842EEE+T</a><br>Description: IC REG BUCK ADJ/PROG 1A 16QSOP   | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MAX1847EEE+T</a><br>Description: IC REG CTRLR FLYBACK 16QSOP      | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX1841EUB</a><br>Description: IC XLATR SIM/SMART-CARD 10-UMAX    | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX1843ETI+T</a><br>Description: IC REG BUCK ADJ/PROG 2.7A 28TQFN | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX1845EEI+T</a><br>Description: IC REG CTRLR BUCK 28QSOP         | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX1845EEI+</a><br>Description: IC REG CTRLR BUCK 28QSOP          | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MAX1844EEP+T</a><br>Description: IC REG CTRLR BUCK 20QSOP         | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |

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