

MAX1858AEEG+



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**Part Number:** [MAX1858AEEG+](#)  
**Manufacturer:** [Maxim Integrated](#)  
**Description:** IC REG CTRLR BUCK 24QSOP  
**Data sheet:**  [MAX1858A,1875A,76A](#)  
 [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

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                 |                                |                                                                                                                                            |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                | MAX1858AEEG+                                    | Manufacturer                   | <a href="#">Maxim Integrated</a>                                                                                                           |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                | IC REG CTRLR BUCK 24QSOP                        | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                                                                 |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                         | 22968 pcs                                       | Data sheet                     | <a href="#">MAX1858A,1875A,76A</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 - Supply (Vcc/Vdd)     | 4.5 V ~ 23 V                                                                                                                               |
| Topology                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Buck                                            | Synchronous Rectifier          | Yes                                                                                                                                        |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                    | 24-QSOP                                         | Series                         | -                                                                                                                                          |
| Serial Interfaces                                                                                                                                                                                                                                                                                                                                                                                                                                          | -                                               | Packaging                      | Tube                                                                                                                                       |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                             | 24-SSOP (0.154", 3.90mm Width)                  | 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          | 100kHz ~ 600kHz                                                                                                                            |
| Duty Cycle (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                           | -                                               | Detailed Description           | Buck Regulator Positive Output Step-Down DC-DC Controller IC 24-QSOP                                                                       |
| Control Features                                                                                                                                                                                                                                                                                                                                                                                                                                           | Current Limit, Enable, Frequency Control, Reset | Clock Sync                     | Yes                                                                                                                                        |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                           | MAX1858                                         |                                |                                                                                                                                            |
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| RELATED PRODUCTS                                                                   |                                                                                      |                                                 |                     |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------|---------------------|
|  | Part#: <a href="#">MAX1858EEG+T</a><br>Description: IC REG CTRLR BUCK 24QSOP         | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX185BCWG+</a><br>Description: IC ADC 12BIT HS 24-SOIC           | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX1853EXT-T</a><br>Description: IC REG SWITCHD CAP INV SC70-6    | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX1857EUA47+</a><br>Description: IC REG LIN POS ADJ 500MA 8UMAX  | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX1856EUB+T</a><br>Description: IC PWR SPLY PWM SLIC 10-UMAX     | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX185BCWG+T</a><br>Description: IC ADC 12BIT HS 24-SOIC          | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX1853EXT+</a><br>Description: IC REG SWITCHED CAP INV SC70      | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX1857EUA47</a><br>Description: IC REG LIN POS ADJ 500MA 8UMAX   | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX1858AEEG+T</a><br>Description: IC REG CTRLR BUCK 24QSOP        | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX1864TEEE+T</a><br>Description: IC PWR SUPPLY CONTROLLER 16QSOP | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX1856EUB+</a><br>Description: IC PS PWM SLIC SYNCH 10-UMAX      | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX1864TEEE+</a><br>Description: IC PWR SUPPLY CONTROLLER 16QSOP  | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX1856EUB</a><br>Description: IC PS PWM SLIC SYNCH 10-UMAX       | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX1853EXT</a><br>Description: IC REG SWITCHED CAP INV SC70       | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX185BCNG+</a><br>Description: IC ADC 12BIT HS 24-DIP            | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">MAX1853EXT+T</a><br>Description: IC REG SWITCHD CAP INV SC70-6    | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |

Related keywords for MAX1858AEEG+

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