

MAX1639ESE+T





Part Number:

MAX1639ESE+T

Manufacturer:

Maxim Integrated

Description:

IC REG CTRLR BUCK 16SOIC

Data sheet:

 [Part Numbering System](#)

 [MAX1639](#)

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                                                                                                                                                                                                                                                                                                                                                                                                                                                | MAX1639ESE+T                                                       | Manufacturer                    | <a href="#">Maxim Integrated</a>                                 |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                | IC REG CTRLR BUCK 16SOIC                                           | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                       |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                         | 20061 pcs                                                          | Data sheet                      | <a href="#">Part Numbering System</a><br><a href="#">MAX1639</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <a href="#">Integrated Circuits (ICs)</a>                          | Voltage - Supply (Vcc/Vdd)      | 4.5 V ~ 5.5 V                                                    |
| Topology                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Buck                                                               | Synchronous Rectifier           | Yes                                                              |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                    | 16-SO                                                              | Series                          | -                                                                |
| Serial Interfaces                                                                                                                                                                                                                                                                                                                                                                                                                                          | -                                                                  | Packaging                       | Tape & Reel (TR)                                                 |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                             | 16-SOIC (0.154", 3.90mm Width)                                     | 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)                                                      | Manufacturer Standard Lead Time | 6 Weeks                                                          |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                             | Lead free / RoHS Compliant                                         | Function                        | Step-Down                                                        |
| Frequency - Switching                                                                                                                                                                                                                                                                                                                                                                                                                                      | 300kHz ~ 1MHz                                                      | Duty Cycle (Max)                | 90%                                                              |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                       | Buck Regulator Positive Output Step-Down DC-DC Controller IC 16-SO | Control Features                | Frequency Control                                                |
| Clock Sync                                                                                                                                                                                                                                                                                                                                                                                                                                                 | No                                                                 | Base Part Number                | MAX1639                                                          |
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| RELATED PRODUCTS                                                                   |                                                                                      |                                                 |                |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------|----------------|
|  | Part#: <a href="#">MAX163CCWG+T</a><br>Description: IC ADC 12BIT SAMPLNG W/TH 24SOIC | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX163CEWG+</a><br>Description: IC ADC 12BIT SAMPLNG W/TH 24SOIC  | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX1640EVKIT</a><br>Description: EVAL KIT MAX1640, MAX1641        | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX1641EEE+</a><br>Description: IC SW-MODE CUR SOURCE ADJ 16QSOP  | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX1638EAG</a><br>Description: IC STEP-DWN CTRLR HI-SPD 24-SSOP   | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX163CENG+</a><br>Description: IC ADC 12BIT SAMPLING W/TH 24DIP  | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX1637EEE</a><br>Description: IC REG CTRLR BUCK 16QSOP           | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX1640EEE+</a><br>Description: IC SW-MODE CUR SOURCE ADJ 16QSOP  | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MAX1641EEE</a><br>Description: IC CTRLR CPU PWR STPDWN 16-QSOP    | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX1639ESE</a><br>Description: IC REG CTRLR BUCK 16SOIC           | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MAX1636EAP+</a><br>Description: IC REG CTRLR BUCK 20SSOP          | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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Related keywords for MAX1639ESE+T

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