

MAX7315AEE+



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Part Number: [MAX7315AEE+](#)

Manufacturer: [Maxim Integrated](#)

Description: IC I/O EXPANDER I2C 8B 16QSOP

Data sheet:  [MAX7315](#)  
 [Part Numbering System](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

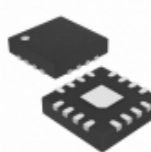
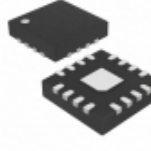
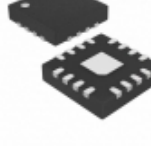
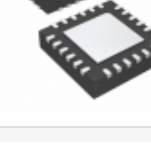
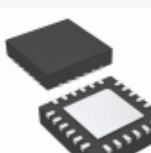
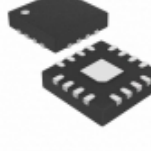
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Request For Quotation

| PRODUCT PARAMETER                |                                                       |                                 |                                                                  |
|----------------------------------|-------------------------------------------------------|---------------------------------|------------------------------------------------------------------|
| Part Number                      | MAX7315AEE+                                           | Manufacturer                    | <a href="#">Maxim Integrated</a>                                 |
| Description                      | IC I/O EXPANDER I2C 8B 16QSOP                         | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                       |
| Quantity Available               | 72846 pcs                                             | Data sheet                      | <a href="#">MAX7315</a><br><a href="#">Part Numbering System</a> |
| Category                         | <a href="#">Integrated Circuits (ICs)</a>             | Voltage - Supply                | 2 V ~ 3.6 V                                                      |
| Supplier Device Package          | 16-QSOP                                               | Series                          | -                                                                |
| Packaging                        | Tube                                                  | Package / Case                  | 16-SSOP (0.154", 3.90mm Width)                                   |
| Output Type                      | Open Drain                                            | Operating Temperature           | -40°C ~ 125°C                                                    |
| Number of I/O                    | 8                                                     | 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                            | Interrupt Output                | Yes                                                              |
| Interface                        | I <sup>2</sup> C, SMBus                               | Features                        | PWM                                                              |
| Detailed Description             | I/O Expander 8 I <sup>2</sup> C, SMBus 400kHz 16-QSOP | Current - Output Source/Sink    | 50mA                                                             |
| Clock Frequency                  | 400kHz                                                | Base Part Number                | MAX7315                                                          |

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|  | Part#: <a href="#">MAX7313DATG+</a><br>Description: IC EXPANDER 16PORT 24TQFN      | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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