

MAX7318AAG+T



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Part Number: [MAX7318AAG+T](#)

Manufacturer: [Maxim Integrated](#)

Description: IC I/O EXPANDER I2C 16B 24SSOP

Data sheet:  [Part Numbering System](#)  
 [MAX7318](#)

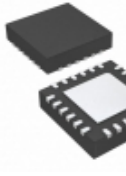
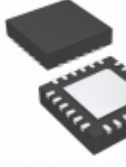
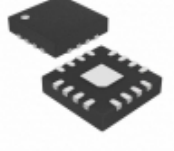
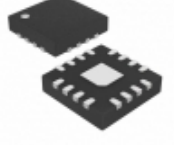
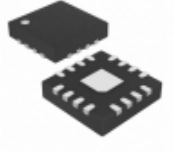
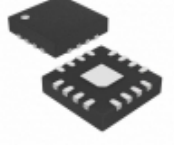
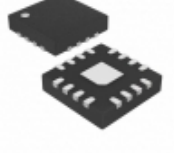
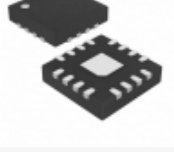
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                        |                                 |                                                                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|---------------------------------|------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                | MAX7318AAG+T                                           | Manufacturer                    | <a href="#">Maxim Integrated</a>                                 |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                | IC I/O EXPANDER I2C 16B 24SSOP                         | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                       |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                         | 40782 pcs                                              | Data sheet                      | <a href="#">Part Numbering System</a><br><a href="#">MAX7318</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <a href="#">Integrated Circuits (ICs)</a>              | Voltage - Supply                | 2 V ~ 5.5 V                                                      |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                    | 24-SSOP                                                | Series                          | -                                                                |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Tape & Reel (TR)                                       | Package / Case                  | 24-SSOP (0.209", 5.30mm Width)                                   |
| Output Type                                                                                                                                                                                                                                                                                                                                                                                                                                                | Push-Pull                                              | Operating Temperature           | -40°C ~ 125°C                                                    |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                              | 16                                                     | 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                        | POR                                                              |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                       | I/O Expander 16 I <sup>2</sup> C, SMBus 400kHz 24-SSOP | Current - Output Source/Sink    | 31mA, 43mA                                                       |
| Clock Frequency                                                                                                                                                                                                                                                                                                                                                                                                                                            | 400kHz                                                 | Base Part Number                | MAX7318                                                          |
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| RELATED PRODUCTS                                                                   |                                                                                     |                                                 |                |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------|----------------|
|  | Part#: <a href="#">MAX7318ATG+T</a><br>Description: IC I/O EXPANDER I2C 16B 24TQFN  | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX7315AUE+T</a><br>Description: IC I/O EXPANDER I2C 8B 16TSSOP  | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX7318ATG+</a><br>Description: IC I/O EXPANDER I2C 16B 24TQFN   | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MAX7318AWG+</a><br>Description: IC PORT EXPANDER 16BIT 24SOIC    | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MAX7319AEE+T</a><br>Description: IC I/O EXPANDER I2C 8B 16QSOP   | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MAX7318AUG+T</a><br>Description: IC I/O EXPANDER I2C 16B 24TSSOP | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MAX7318AWG+T</a><br>Description: IC PORT EXPANDER 16BIT 24SOIC   | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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| Related keywords for MAX7318AAG+T |                          |                       |                    |
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