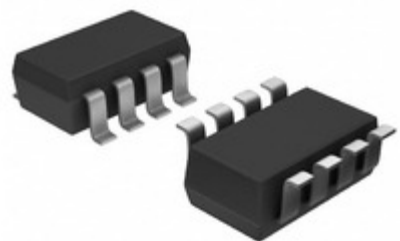


MAX9018AEKA+T





Part Number: [MAX9018AEKA+T](#)

Manufacturer: [Maxim Integrated](#)

Description: IC COMPARATOR DUAL SOT23-8

Data sheet:  [MAX9015-20](#)  
 [Part Numbering System](#)

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.  
Buy MAX9018AEKA+T with confidence from  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                           |                                   |                                                                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|-----------------------------------|---------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                 | MAX9018AEKA+T                                                             | Manufacturer                      | <a href="#">Maxim Integrated</a>                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                 | IC COMPARATOR DUAL SOT23-8                                                | Lead Free Status / RoHS Status    | Lead free / RoHS Compliant                                          |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                          | 79825 pcs                                                                 | Data sheet                        | <a href="#">MAX9015-20</a><br><a href="#">Part Numbering System</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <a href="#">Integrated Circuits (ICs)</a>                                 | Voltage - Supply, Single/Dual (±) | 1.8 V ~ 5.5 V                                                       |
| Voltage - Input Offset (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                | 5mV @ 5V                                                                  | Type                              | with Voltage Reference                                              |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                     | SOT-23-8                                                                  | Series                            | Beyond-the-Rails™                                                   |
| Propagation Delay (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                     | 31µs                                                                      | Packaging                         | Tape & Reel (TR)                                                    |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                              | SOT-23-8                                                                  | Output Type                       | CMOS, Open-Drain, Rail-to-Rail                                      |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                 | MAX9018AEKA+T-ND<br>MAX9018AEKA+TTR<br>MAX9018AEKAT                       | Operating Temperature             | -40°C ~ 85°C                                                        |
| Number of Elements                                                                                                                                                                                                                                                                                                                                                                                                                                          | 2                                                                         | 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                                                | Hysteresis                        | 4mV                                                                 |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                        | Comparator with Voltage Reference CMOS, Open-Drain, Rail-to-Rail SOT-23-8 | Current - Quiescent (Max)         | 2.8µA                                                               |
| Current - Output (Typ)                                                                                                                                                                                                                                                                                                                                                                                                                                      | 50mA                                                                      | Current - Input Bias (Max)        | 0.001µA @ 5V                                                        |
| CMRR, PSRR (Typ)                                                                                                                                                                                                                                                                                                                                                                                                                                            | 80dB PSRR                                                                 | Base Part Number                  | MAX9018                                                             |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Maxim Integrated series electronic components. We have 79825 pieces of Maxim Integrated MAX9018AEKA+T in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                                                           |                                   |                                                                     |

| RELATED PRODUCTS                                                                   |                                                                                        |                                                 |                |
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|  | Part#: <a href="#">MAX9017BEKA+T</a><br>Description: IC COMPARATOR DUAL SOT23-8        | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX9018BEKA-T</a><br>Description: IC COMPARATOR DUAL SOT23-8        | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MAX9015AEKA-T</a><br>Description: IC COMPARATOR SGL SOT23-8         | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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