

MAX987EXK+T



Part Number: [MAX987EXK+T](#)

Manufacturer: [Maxim Integrated](#)

Description: IC COMPARATOR R-R SC70-5

Data sheet:  [Part Numbering System](#)  
 [MAX987-996](#)

RoHs Status: Lead free / RoHS Compliant

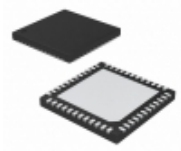
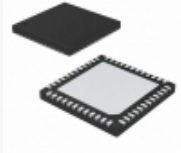
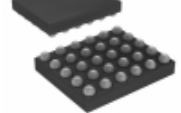
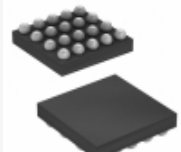
Ship From: Hong Kong

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                       |                                   |                                                                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|-----------------------------------|---------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                               | MAX987EXK+T                                                           | Manufacturer                      | <a href="#">Maxim Integrated</a>                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                               | IC COMPARATOR R-R SC70-5                                              | Lead Free Status / RoHS Status    | Lead free / RoHS Compliant                                          |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                        | 64731 pcs                                                             | Data sheet                        | <a href="#">Part Numbering System</a><br><a href="#">MAX987-996</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <a href="#">Integrated Circuits (ICs)</a>                             | Voltage - Supply, Single/Dual (±) | 2.5 V ~ 5.5 V, ±1.25 V ~ 2.75 V                                     |
| Voltage - Input Offset (Max)                                                                                                                                                                                                                                                                                                                                                                                                                              | 5mV @ 5.5V                                                            | Type                              | General Purpose                                                     |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                   | SC-70-5                                                               | Series                            | -                                                                   |
| Propagation Delay (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                   | 210ns                                                                 | Packaging                         | Tape & Reel (TR)                                                    |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                            | 5-TSSOP, SC-70-5, SOT-353                                             | Output Type                       | CMOS, Push-Pull, Rail-to-Rail, TTL                                  |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                               | MAX987EXK+T-ND<br>MAX987EXK+TTR<br>MAX987EXKT                         | Operating Temperature             | -40°C ~ 85°C                                                        |
| Number of Elements                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1                                                                     | 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                        | ±2.5mV                                                              |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                      | Comparator General Purpose CMOS, Push-Pull, Rail-to-Rail, TTL SC-70-5 | Current - Quiescent (Max)         | 96µA                                                                |
| Current - Output (Typ)                                                                                                                                                                                                                                                                                                                                                                                                                                    | -                                                                     | Current - Input Bias (Max)        | 1pA @ 5.5V                                                          |
| CMRR, PSRR (Typ)                                                                                                                                                                                                                                                                                                                                                                                                                                          | 80dB CMRR, 80dB PSRR                                                  | Base Part Number                  | MAX987                                                              |
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|  | Part#: <a href="#">MAX987ESA+</a><br>Description: IC COMPARATOR R-R 8-SOIC          | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MAX9880AEVKIT+</a><br>Description: KIT EVAL FOR MAX9880A         | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MAX987EUK-TG05</a><br>Description: IC COMPARATOR SGL R-R SOT23-5 | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MAX987EUK+T</a><br>Description: IC COMP MICRPWR R-R I/O SOT23-5  | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX988ESA</a><br>Description: IC COMPARATOR SGL R-R 8-SOIC       | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MAX9888EVKIT+</a><br>Description: KIT EVALUATION FOR MAX9888     | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MAX9877EWP+TG45</a><br>Description: IC AUDIO SUBSYSTEM 20-WLP    | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |

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