

MAX4680EAE+T



Part Number: [MAX4680EAE+T](#)

Manufacturer: [Maxim Integrated](#)

Description: IC SWITCH DUAL SPST 16SSOP

Data sheet:  [MAX4680/690/700](#)  
 [Part Numbering System](#)

RoHs Status: Lead free / RoHS Compliant

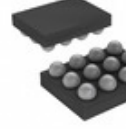
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                           |                                        |                                                                          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|--------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                | MAX4680EAE+T                              | Manufacturer                           | <a href="#">Maxim Integrated</a>                                         |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                | IC SWITCH DUAL SPST 16SSOP                | Lead Free Status / RoHS Status         | Lead free / RoHS Compliant                                               |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                         | 17452 pcs                                 | Data sheet                             | <a href="#">MAX4680/690/700</a><br><a href="#">Part Numbering System</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply, Single (V+)          | 4.5 V ~ 36 V                                                             |
| Voltage - Supply, Dual (V±)                                                                                                                                                                                                                                                                                                                                                                                                                                | ±4.5 V ~ 20 V                             | Switch Time (Ton, Toff) (Max)          | 275ns, 175ns                                                             |
| Switch Circuit                                                                                                                                                                                                                                                                                                                                                                                                                                             | SPST - NC                                 | Supplier Device Package                | 16-SSOP                                                                  |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -                                         | Packaging                              | Tape & Reel (TR)                                                         |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                             | 16-SSOP (0.209", 5.30mm Width)            | Operating Temperature                  | -40°C ~ 85°C (TA)                                                        |
| On-State Resistance (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1.25 Ohm                                  | Number of Circuits                     | 2                                                                        |
| Multiplexer/Demultiplexer Circuit                                                                                                                                                                                                                                                                                                                                                                                                                          | 1:1                                       | Moisture Sensitivity Level (MSL)       | 1 (Unlimited)                                                            |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                            | 6 Weeks                                   | Lead Free Status / RoHS Status         | Lead free / RoHS Compliant                                               |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                       | 2 Circuit IC Switch 1:1 1.25 Ohm 16-SSOP  | Current - Leakage (IS(off)) (Max)      | 500pA                                                                    |
| Crosstalk                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -65dB @ 1MHz                              | Charge Injection                       | 55pC                                                                     |
| Channel-to-Channel Matching (ΔRon)                                                                                                                                                                                                                                                                                                                                                                                                                         | 90 mOhm                                   | Channel Capacitance (CS(off), CD(off)) | 115pF, 115pF                                                             |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                           | MAX4680                                   | -3db Bandwidth                         | -                                                                        |
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| RELATED PRODUCTS                                                                   |                                                                                    |                                                 |                |
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|  | Part#: <a href="#">MAX4680CWE+</a><br>Description: IC SWITCH DUAL SPST 16SOIC      | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX4680CWE+T</a><br>Description: IC SWITCH DUAL SPST 16SOIC     | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX4685EBC+T</a><br>Description: IC SWITCH DUAL SPDT 12UCSP     | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX4680CAE</a><br>Description: IC SWITCH DUAL SPST 16SSOP       | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MAX4684EUB+T</a><br>Description: IC SWITCH DUAL SPDT 10UMAX     | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MAX4680EWE</a><br>Description: IC SW DUAL 1.25 OHM SPST 16-SOIC | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |

Related keywords for MAX4680EAE+T

|                                 |                          |                       |                    |
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