

MAX4702ETE+T



Part Number: [MAX4702ETE+T](#)

Manufacturer: [Maxim Integrated](#)

Description: IC SWITCH QUAD SPDT 16TQFN

Data sheet:  [MAX4699/701-702](#)  
 [Part Numbering System](#)

RoHs Status: Lead free / RoHS Compliant

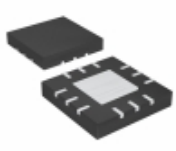
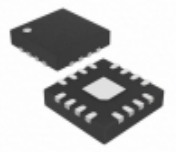
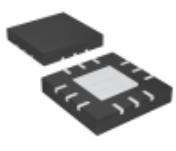
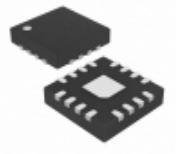
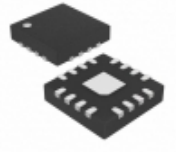
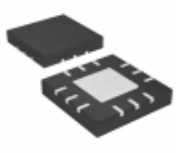
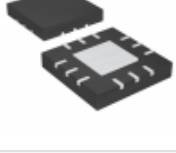
Ship From: Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                              |                                        |                                                                          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|----------------------------------------|--------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                | MAX4702ETE+T                                 | Manufacturer                           | <a href="#">Maxim Integrated</a>                                         |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                | IC SWITCH QUAD SPDT 16TQFN                   | Lead Free Status / RoHS Status         | Lead free / RoHS Compliant                                               |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                         | 64981 pcs                                    | Data sheet                             | <a href="#">MAX4699/701-702</a><br><a href="#">Part Numbering System</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <a href="#">Integrated Circuits (ICs)</a>    | Voltage - Supply, Single (V+)          | 1.8 V ~ 5.5 V                                                            |
| Voltage - Supply, Dual (V±)                                                                                                                                                                                                                                                                                                                                                                                                                                | -                                            | Switch Time (Ton, Toff) (Max)          | 35ns, 20ns                                                               |
| Switch Circuit                                                                                                                                                                                                                                                                                                                                                                                                                                             | SPDT                                         | Supplier Device Package                | 16-TQFN (3x3)                                                            |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -                                            | Packaging                              | Tape & Reel (TR)                                                         |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                             | 16-WFQFN Exposed Pad                         | Operating Temperature                  | -40°C ~ 85°C (TA)                                                        |
| On-State Resistance (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                  | 75 Ohm                                       | Number of Circuits                     | 4                                                                        |
| Multiplexer/Demultiplexer Circuit                                                                                                                                                                                                                                                                                                                                                                                                                          | 2:1                                          | Moisture Sensitivity Level (MSL)       | 1 (Unlimited)                                                            |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                            | 6 Weeks                                      | Lead Free Status / RoHS Status         | Lead free / RoHS Compliant                                               |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                       | 4 Circuit IC Switch 2:1 75 Ohm 16-TQFN (3x3) | Current - Leakage (IS(off)) (Max)      | 500pA                                                                    |
| Crosstalk                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -79dB @ 1MHz                                 | Charge Injection                       | 0.5pC                                                                    |
| Channel-to-Channel Matching (ΔRon)                                                                                                                                                                                                                                                                                                                                                                                                                         | 2 Ohm                                        | Channel Capacitance (CS(off), CD(off)) | 8pF                                                                      |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                           | MAX4702                                      | -3db Bandwidth                         | 250MHz                                                                   |
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| RELATED PRODUCTS                                                                   |                                                                                     |                                                 |                |
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|  | Part#: <a href="#">MAX4701ETE+T</a><br>Description: IC SWITCH DUAL DPDT 16TQFN      | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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