

MAX4610ESD+



Part Number: [MAX4610ESD+](#)

Manufacturer: [Maxim Integrated](#)

Description: IC SWITCH QUAD SPST 14SOIC

Data sheet:  [MAX4610-12](#)  
 [Part Numbering System](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

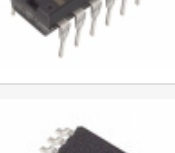
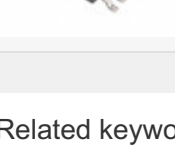
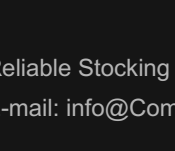
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Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                           |                                           |                                        |                                                                     |
|---------------------------------------------|-------------------------------------------|----------------------------------------|---------------------------------------------------------------------|
| Part Number                                 | MAX4610ESD+                               | Manufacturer                           | <a href="#">Maxim Integrated</a>                                    |
| Description                                 | IC SWITCH QUAD SPST 14SOIC                | Lead Free Status / RoHS Status         | Lead free / RoHS Compliant                                          |
| Quantity Available                          | 63465 pcs                                 | Data sheet                             | <a href="#">MAX4610-12</a><br><a href="#">Part Numbering System</a> |
| Category                                    | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply, Single (V+)          | 2 V ~ 12 V                                                          |
| Voltage - Supply, Dual (V±)                 | -                                         | Switch Time (Ton, Toff) (Max)          | 65ns, 28ns                                                          |
| Switch Circuit                              | SPST - NO                                 | Supplier Device Package                | 14-SOIC                                                             |
| Series                                      | -                                         | Packaging                              | Tube                                                                |
| Package / Case                              | 14-SOIC (0.154", 3.90mm Width)            | Operating Temperature                  | -40°C ~ 85°C (TA)                                                   |
| On-State Resistance (Max)                   | 100 Ohm                                   | Number of Circuits                     | 4                                                                   |
| 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                        | 4 Circuit IC Switch 1:1 100 Ohm 14-SOIC   | Current - Leakage (IS(off)) (Max)      | 100pA                                                               |
| Crosstalk                                   | -80dB @ 1MHz                              | Charge Injection                       | 1pC                                                                 |
| Channel-to-Channel Matching ( $\Delta$ Ron) | 1 Ohm                                     | Channel Capacitance (CS(off), CD(off)) | 16pF, 16pF                                                          |
| Base Part Number                            | MAX4610                                   | -3db Bandwidth                         | 300MHz                                                              |

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| RELATED PRODUCTS                                                                   |                                                                                          |                                                 |                |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-------------------------------------------------|----------------|
|  | Part#: <a href="#">MAX4610EPD+</a><br>Description: IC ANALOG SW SPST N/O QUAD 14DIP      | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX4610CSD+T</a><br>Description: IC SWITCH QUAD SPST 14SOIC           | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX4611CSD+T</a><br>Description: IC SWITCH QUAD SPST 14SOIC           | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MAX4610CUD+T</a><br>Description: IC SWITCH QUAD SPST 14TSSOP          | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX4610EUD+T</a><br>Description: IC SWITCH QUAD SPST 14TSSOP          | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX4610ESD</a><br>Description: IC SWITCH QUAD SPST 14SOIC             | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX4610CSD</a><br>Description: IC SWITCH QUAD SPST 14SOIC             | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MAX4610EUD+</a><br>Description: IC SWITCH QUAD SPST 14TSSOP           | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX4610EPD</a><br>Description: IC SW QUAD ANLG SPST N/O 14-DIP        | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX4610ESD+TG074</a><br>Description: IC ANLG SWITCH SPST QUAD 14-SOIC | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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Related keywords for MAX4610ESD+

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