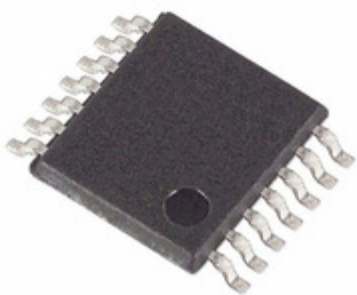


MAX4616CUD



Images are for reference only.  
See Product Specifications for product details.  
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**Part Number:** [MAX4616CUD](#)

**Manufacturer:** [Maxim Integrated](#)

**Description:** IC SWITCH QUAD SPST 14TSSOP

**Data sheet:**  [MAX4614-16](#)  
 [Part Numbering System](#)

**RoHs Status:** Contains lead / RoHS non-compliant

**Ship From:** Hong Kong

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

[Request For Quotation](#)

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                           |                                    |                                                                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|------------------------------------|---------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                             | MAX4616CUD                                | Manufacturer                       | <a href="#">Maxim Integrated</a>                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                             | IC SWITCH QUAD SPST 14TSSOP               | Lead Free Status / RoHS Status     | Contains lead / RoHS non-compliant                                  |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                      | 4188 pcs                                  | Data sheet                         | <a href="#">MAX4614-16</a><br><a href="#">Part Numbering System</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply, Single (V+)      | 2 V ~ 5.5 V                                                         |
| Voltage - Supply, Dual (V±)                                                                                                                                                                                                                                                                                                                                                                                                                             | -                                         | Switch Time (Ton, Toff) (Max)      | 12ns, 10ns                                                          |
| Switch Circuit                                                                                                                                                                                                                                                                                                                                                                                                                                          | SPST - NO/NC                              | Supplier Device Package            | 14-TSSOP                                                            |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -                                         | Packaging                          | Tube                                                                |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                          | 14-TSSOP (0.173", 4.40mm Width)           | Operating Temperature              | 0°C ~ 70°C (TA)                                                     |
| On-State Resistance (Max)                                                                                                                                                                                                                                                                                                                                                                                                                               | 10 Ohm                                    | Number of Circuits                 | 4                                                                   |
| Multiplexer/Demultiplexer Circuit                                                                                                                                                                                                                                                                                                                                                                                                                       | 1:1                                       | Moisture Sensitivity Level (MSL)   | 1 (Unlimited)                                                       |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                          | Contains lead / RoHS non-compliant        | Detailed Description               | 4 Circuit IC Switch 1:1 10 Ohm 14-TSSOP                             |
| Current - Leakage (IS(off)) (Max)                                                                                                                                                                                                                                                                                                                                                                                                                       | 1nA                                       | Crosstalk                          | -96dB @ 100kHz                                                      |
| Charge Injection                                                                                                                                                                                                                                                                                                                                                                                                                                        | 6.5pC                                     | Channel-to-Channel Matching (ΔRon) | 200 mOhm                                                            |
| Channel Capacitance (CS(off), CD(off))                                                                                                                                                                                                                                                                                                                                                                                                                  | 5pF, 5pF                                  | Base Part Number                   | MAX4616                                                             |
| -3db Bandwidth                                                                                                                                                                                                                                                                                                                                                                                                                                          | 70MHz                                     |                                    |                                                                     |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Maxim Integrated series electronic components. We have 4188 pieces of Maxim Integrated MAX4616CUD 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                                                                   |                                                                                   |                                                 |                     |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------|---------------------|
|  | Part#: <a href="#">MAX4615EUD+T</a><br>Description: IC SWITCH QUAD SPST 14TSSOP   | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX4615EPD</a><br>Description: IC SW QUAD ANLG SPST N/C 14-DIP | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX4616CSD+T</a><br>Description: IC SWITCH QUAD SPST 14SOIC    | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX4616CUD+T</a><br>Description: IC SWITCH QUAD SPST 14TSSOP   | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX4616EUD+</a><br>Description: IC SWITCH QUAD SPST 14TSSOP    | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX4616CSD+</a><br>Description: IC SWITCH QUAD SPST 14SOIC     | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX4616ESD+</a><br>Description: IC SWITCH QUAD SPST 14SOIC     | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX4616CPD</a><br>Description: IC SWITCH QUAD SPST 14DIP       | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX4616EPD</a><br>Description: IC SW QUAD SPST N/C-N/O 14-DIP  | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX4616CPD+</a><br>Description: IC SWITCH QUAD SPST 14DIP      | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">MAX4616EUD+T</a><br>Description: IC SWITCH QUAD SPST 14TSSOP   | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX4616EUD</a><br>Description: IC SWITCH QUAD SPST 14TSSOP     | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX4615EUD</a><br>Description: IC SWITCH QUAD SPST 14TSSOP     | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX4616CSD</a><br>Description: IC SWITCH QUAD SPST 14SOIC      | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX4615ESD</a><br>Description: IC SWITCH QUAD SPST 14SOIC      | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX4617CEE</a><br>Description: IC MUX/SW ANLG HS CMOS 16-QSOP  | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX4616ESD</a><br>Description: IC SWITCH QUAD SPST 14SOIC      | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX4616ESD+T</a><br>Description: IC SWITCH QUAD SPST 14SOIC    | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX4616CUD+</a><br>Description: IC SWITCH QUAD SPST 14TSSOP    | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |

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