

MAX314EPE



**Part Number:** [MAX314EPE](#)

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

**Description:** IC SWITCH ANLG SPST CMOS 16DIP

**Data sheet:**  [MAX312-14](#)

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

**Ship From:** Hong Kong

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

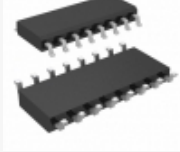
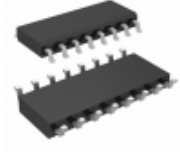
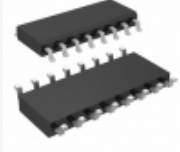
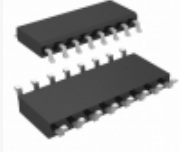
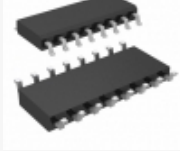
Images are for reference only.  
See Product Specifications for product details.  
**Buy MAX314EPE with confidence from Component-World.HK, 1 Year Warranty**

[Request For Quotation](#)

| PRODUCT PARAMETER                      |                                           |                                    |                                        |
|----------------------------------------|-------------------------------------------|------------------------------------|----------------------------------------|
| Part Number                            | MAX314EPE                                 | Manufacturer                       | <a href="#">Maxim Integrated</a>       |
| Description                            | IC SWITCH ANLG SPST CMOS 16DIP            | Lead Free Status / RoHS Status     | Contains lead / RoHS non-compliant     |
| Quantity Available                     | 4421 pcs                                  | Data sheet                         | <a href="#">MAX312-14</a>              |
| Category                               | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply, Single (V+)      | 4.5 V ~ 30 V                           |
| Voltage - Supply, Dual (V±)            | ±4.5 V ~ 20 V                             | Switch Time (Ton, Toff) (Max)      | 225ns, 185ns                           |
| Switch Circuit                         | SPST - NO/NC                              | Supplier Device Package            | 16-PDIP                                |
| Series                                 | -                                         | Packaging                          | Tube                                   |
| Package / Case                         | 16-DIP (0.300", 7.62mm)                   | Operating Temperature              | -40°C ~ 85°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 16-PDIP |
| Current - Leakage (IS(off)) (Max)      | 500pA                                     | Crosstalk                          | -85dB @ 1MHz                           |
| Charge Injection                       | 20pC                                      | Channel-to-Channel Matching (ΔRon) | 300 mOhm                               |
| Channel Capacitance (CS(off), CD(off)) | 15pF, 15pF                                | -3db Bandwidth                     | -                                      |

Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Maxim Integrated series electronic components. We have 4421 pieces of Maxim Integrated MAX314EPE in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.

RFQ Email: [info@Components-World.com](mailto:info@Components-World.com)

| RELATED PRODUCTS                                                                   |                                                                                 |                                                 |                     |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|-------------------------------------------------|---------------------|
|  | Part#: <a href="#">MAX314EUE+T</a><br>Description: IC SWITCH QUAD SPST 16TSSOP  | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX314CUE+</a><br>Description: IC SWITCH QUAD SPST 16TSSOP   | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX314CUE+T</a><br>Description: IC SWITCH QUAD SPST 16TSSOP  | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX314CPE</a><br>Description: IC SWITCH QUAD SPST 16DIP      | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX314FESE+</a><br>Description: IC SWITCH QUAD SPST 16SOIC   | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX314CSE+T</a><br>Description: IC SWITCH QUAD SPST 16SOIC   | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX314FESE+T</a><br>Description: IC SWITCH QUAD SPST 16SOIC  | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX314CPE+</a><br>Description: IC SWITCH QUAD SPST 16DIP     | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX314CSE+</a><br>Description: IC SWITCH QUAD SPST 16SOIC    | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX314FEPE+</a><br>Description: IC SWITCH QUAD SPST 16DIP    | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX314LCPE+</a><br>Description: IC SWITCH QUAD SPST 16DIP    | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX314LCSE+</a><br>Description: IC SWITCH QUAD SPST 16SOIC   | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX314CSE</a><br>Description: IC SWITCH ANLG SPST CMOS SOIC  | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX314EUE+</a><br>Description: IC SWITCH QUAD SPST 16TSSOP   | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX3140EEI+</a><br>Description: IC UART W/RS485 28-QSOP      | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX314ESE+T</a><br>Description: IC SWITCH QUAD SPST 16SOIC   | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX3140EEI</a><br>Description: IC UART SPI RS485/422 28-QSOP | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX3140EEI+T</a><br>Description: IC UART W/RS485 28-QSOP     | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX314EPE+</a><br>Description: IC SWITCH QUAD SPST 16DIP     | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX314ESE+</a><br>Description: IC SWITCH QUAD SPST 16SOIC    | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |

| Related keywords for MAX314EPE |                       |                    |                 |
|--------------------------------|-----------------------|--------------------|-----------------|
| Maxim Integrated MAX314EPE     | MAX314EPE distributor | MAX314EPE supplier | MAX314EPE price |
| MAX314EPE download datasheet   | MAX314EPE datasheet   | MAX314EPE stock    | buy MAX314EPE   |
| Maxim Integrated MAX314EPE     |                       |                    |                 |