

MAX4521EPE



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**Part Number:** [MAX4521EPE](#)

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

**Description:** IC SWITCH QUAD SPST 16DIP

**Data sheet:**  [MAX4521-23](#)  
 [Part Numbering System](#)

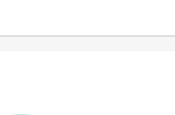
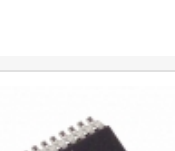
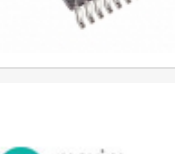
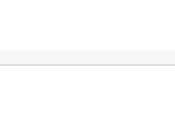
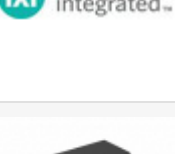
**RoHs Status:** Contains lead / RoHS non-compliant

**Ship From:** Hong Kong

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

[Request For Quotation](#)

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                        |                                           |                                    |                                                                     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|------------------------------------|---------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                              | MAX4521EPE                                | Manufacturer                       | <a href="#">Maxim Integrated</a>                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                              | IC SWITCH QUAD SPST 16DIP                 | Lead Free Status / RoHS Status     | Contains lead / RoHS non-compliant                                  |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                       | 5326 pcs                                  | Data sheet                         | <a href="#">MAX4521-23</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±)                                                                                                                                                                                                                                                                                                                                                                              | ±2 V ~ 6 V                                | Switch Time (Ton, Toff) (Max)      | 80ns, 30ns                                                          |
| Switch Circuit                                                                                                                                                                                                                                                                                                                                                                                           | SPST - 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)                                                                                                                                                                                                                                                                                                                                                                                | 100 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 1:1 100 Ohm 16-PDIP                             |
| Current - Leakage (IS(off)) (Max)                                                                                                                                                                                                                                                                                                                                                                        | 1nA                                       | Crosstalk                          | -90dB @ 100kHz                                                      |
| Charge Injection                                                                                                                                                                                                                                                                                                                                                                                         | 1pC                                       | Channel-to-Channel Matching (ΔRon) | 1 Ohm                                                               |
| Channel Capacitance (CS(off), CD(off))                                                                                                                                                                                                                                                                                                                                                                   | 2pF, 2pF                                  | Base Part Number                   | MAX4521                                                             |
| -3db Bandwidth                                                                                                                                                                                                                                                                                                                                                                                           | -                                         |                                    |                                                                     |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Maxim Integrated series electronic components. We have 5326 pieces of Maxim Integrated MAX4521EPE 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: info@Components-World.com |                                           |                                    |                                                                     |

| RELATED PRODUCTS                                                                   |                                                                                 |                                                 |                     |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|-------------------------------------------------|---------------------|
|  | Part#: <a href="#">MAX4521CSE+</a><br>Description: IC SWITCH QUAD SPST 16SOIC   | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX4521ESE+</a><br>Description: IC SWITCH QUAD SPST 16SOIC   | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX4521CSE</a><br>Description: IC SWITCH QUAD SPST 16SOIC    | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX4521CSE+T</a><br>Description: IC SWITCH QUAD SPST 16SOIC  | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX4521EUE+T</a><br>Description: IC SWITCH QUAD SPST 16TSSOP | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX4521EEE</a><br>Description: IC SWITCH QUAD SPST 16QSOP    | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX4521CPE</a><br>Description: IC SWITCH QUAD SPST 16DIP     | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">MAX4522CEE+</a><br>Description: IC SWITCH QUAD SPST 16QSOP   | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">MAX4521CUE+</a><br>Description: IC SWITCH QUAD SPST 16TSSOP  | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX4521ESE</a><br>Description: IC SWITCH QUAD SPST 16SOIC    | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX4521CUE+T</a><br>Description: IC SWITCH QUAD SPST 16TSSOP | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX4521EEE+T</a><br>Description: IC SWITCH QUAD SPST 16QSOP  | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX4521ESE+T</a><br>Description: IC SWITCH QUAD SPST 16SOIC  | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">MAX4521EEE+</a><br>Description: IC SWITCH QUAD SPST 16QSOP   | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
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