

MAX4600EPE



Part Number: [MAX4600EPE](#)

Manufacturer: [Maxim Integrated](#)

Description: IC SW DUAL ANLG CMOS SPST 16-DIP

Data sheet:  [MAX4580/90, MAX4600](#)  
 [Part Numbering System](#)

RoHs Status: Contains lead / RoHS non-compliant

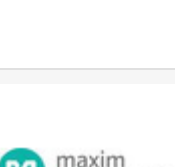
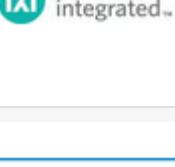
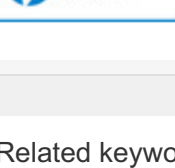
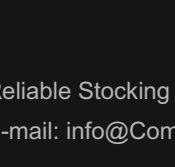
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                           |                                    |                                                                              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|------------------------------------|------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                             | MAX4600EPE                                | Manufacturer                       | <a href="#">Maxim Integrated</a>                                             |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                             | IC SW DUAL ANLG CMOS SPST 16-DIP          | Lead Free Status / RoHS Status     | Contains lead / RoHS non-compliant                                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                      | 4991 pcs                                  | Data sheet                         | <a href="#">MAX4580/90, MAX4600</a><br><a href="#">Part Numbering System</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply, Single (V+)      | 4.5 V ~ 36 V                                                                 |
| Voltage - Supply, Dual (V±)                                                                                                                                                                                                                                                                                                                                                                                                                             | ±4.5 V ~ 20 V                             | Switch Time (Ton, Toff) (Max)      | 160ns, 210ns                                                                 |
| 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)                                                                                                                                                                                                                                                                                                                                                                                                                               | 1.25 Ohm                                  | Number of Circuits                 | 2                                                                            |
| Multiplexer/Demultiplexer Circuit                                                                                                                                                                                                                                                                                                                                                                                                                       | 1:1                                       | Moisture Sensitivity Level (MSL)   | 1 (Unlimited)                                                                |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                          | Contains lead / RoHS non-compliant        | Detailed Description               | 2 Circuit IC Switch 1:1 1.25 Ohm 16-PDIP                                     |
| Current - Leakage (IS(off)) (Max)                                                                                                                                                                                                                                                                                                                                                                                                                       | 500pA                                     | Crosstalk                          | -65dB @ 1MHz                                                                 |
| Charge Injection                                                                                                                                                                                                                                                                                                                                                                                                                                        | -60pC                                     | Channel-to-Channel Matching (ΔRon) | 50 mOhm                                                                      |
| Channel Capacitance (CS(off), CD(off))                                                                                                                                                                                                                                                                                                                                                                                                                  | 115pF, 115pF                              | Base Part Number                   | MAX4600                                                                      |
| -3db Bandwidth                                                                                                                                                                                                                                                                                                                                                                                                                                          | -                                         |                                    |                                                                              |
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|  | Part#: <a href="#">MAX45K000B</a><br>Description: RES 45K OHM 0.1% 0.3W RADIAL     | Manufacturers: <a href="#">Vishay Precision Group</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX4600CWE</a><br>Description: IC SW DUAL ANLG CMOS SPST 16SOIC | Manufacturers: <a href="#">Maxim Integrated</a>       | <div>RFQ</div> |
|  | Part#: <a href="#">MAX4600CAE</a><br>Description: IC SWITCH DUAL SPST 16SSOP       | Manufacturers: <a href="#">Maxim Integrated</a>       | <div>RFQ</div> |
|  | Part#: <a href="#">MAX4600CAE+T</a><br>Description: IC SWITCH DUAL SPST 16SSOP     | Manufacturers: <a href="#">Maxim Integrated</a>       | <div>RFQ</div> |
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|  | Part#: <a href="#">MAX4600EWE</a><br>Description: IC SWITCH DUAL SPST 16SOIC       | Manufacturers: <a href="#">Maxim Integrated</a>       | <div>RFQ</div> |
|  | Part#: <a href="#">MAX4601CAE</a><br>Description: IC SWITCH QUAD SPST 16SSOP       | Manufacturers: <a href="#">Maxim Integrated</a>       | <div>RFQ</div> |
|  | Part#: <a href="#">MAX45K100D</a><br>Description: RES 45.1K OHM 0.5% 0.3W RADIAL   | Manufacturers: <a href="#">Vishay Precision Group</a> | <div>RFQ</div> |

Related keywords for MAX4600EPE

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