

MAX4603CPE



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**Part Number:** [MAX4603CPE](#)

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

**Description:** IC SW QUAD ANLG CMOS SPST 16-DIP

**Data sheet:**  [MAX4601-03](#)  
 [Part Numbering System](#)

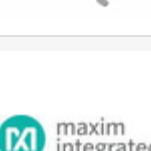
**RoHs Status:** Contains lead / RoHS non-compliant

**Ship From:** Hong Kong

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

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                        |                                           |                                    |                                                                     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|------------------------------------|---------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                              | MAX4603CPE                                | Manufacturer                       | <a href="#">Maxim Integrated</a>                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                              | IC SW QUAD ANLG CMOS SPST 16-DIP          | Lead Free Status / RoHS Status     | Contains lead / RoHS non-compliant                                  |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                       | 5772 pcs                                  | Data sheet                         | <a href="#">MAX4601-03</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)      | 250ns, 350ns                                                        |
| Switch Circuit                                                                                                                                                                                                                                                                                                                                                                                           | SPST - NO/NC                              | Supplier Device Package            | 16-PDIP                                                             |
| Series                                                                                                                                                                                                                                                                                                                                                                                                   | -                                         | Packaging                          | Tube                                                                |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                           | 16-DIP (0.300", 7.62mm)                   | Operating Temperature              | 0°C ~ 70°C (TA)                                                     |
| On-State Resistance (Max)                                                                                                                                                                                                                                                                                                                                                                                | 2.5 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 2.5 Ohm 16-PDIP                             |
| Current - Leakage (IS(off)) (Max)                                                                                                                                                                                                                                                                                                                                                                        | 500pA                                     | Crosstalk                          | -59dB @ 1MHz                                                        |
| Charge Injection                                                                                                                                                                                                                                                                                                                                                                                         | 120pC                                     | Channel-to-Channel Matching (ΔRon) | 100 mOhm                                                            |
| Channel Capacitance (CS(off), CD(off))                                                                                                                                                                                                                                                                                                                                                                   | 55pF, 55pF                                | Base Part Number                   | MAX4603                                                             |
| -3db Bandwidth                                                                                                                                                                                                                                                                                                                                                                                           | -                                         |                                    |                                                                     |
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|  | Part#: <a href="#">MAX4603EAE+</a><br>Description: IC SWITCH QUAD SPST 16SSOP       | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
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