

DG309CJ+



Part Number: [DG309CJ+](#)

Manufacturer: [Maxim Integrated](#)

Description: IC SWITCH QUAD SPST 16DIP

Data sheet:  [DG308A,309](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

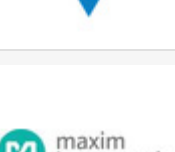
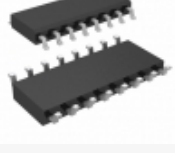
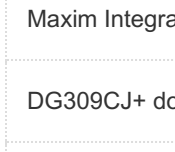
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| PRODUCT PARAMETER                  |                                           |                                        |                                  |
|------------------------------------|-------------------------------------------|----------------------------------------|----------------------------------|
| Part Number                        | DG309CJ+                                  | Manufacturer                           | <a href="#">Maxim Integrated</a> |
| Description                        | IC SWITCH QUAD SPST 16DIP                 | Lead Free Status / RoHS Status         | Lead free / RoHS Compliant       |
| Quantity Available                 | 16548 pcs                                 | Data sheet                             | <a href="#">DG308A,309</a>       |
| Category                           | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply, Single (V+)          | 5 V ~ 30 V                       |
| Voltage - Supply, Dual (V±)        | ±5 V ~ 20 V                               | Switch Time (Ton, Toff) (Max)          | 250ns, 150ns                     |
| Switch Circuit                     | SPST - 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)          | 100 Ohm                                   | Number of Circuits                     | 4                                |
| Multiplexer/Demultiplexer Circuit  | 1:1                                       | Moisture Sensitivity Level (MSL)       | 1 (Unlimited)                    |
| Manufacturer Standard Lead Time    | 6 Weeks                                   | Lead Free Status / RoHS Status         | Lead free / RoHS Compliant       |
| Detailed Description               | 4 Circuit IC Switch 1:1 100 Ohm 16-PDIP   | Current - Leakage (IS(off)) (Max)      | 5nA                              |
| Crosstalk                          | -                                         | Charge Injection                       | -10pC                            |
| Channel-to-Channel Matching (ΔRon) | -                                         | Channel Capacitance (CS(off), CD(off)) | 11pF, 8pF                        |
| Base Part Number                   | DG309                                     | -3db Bandwidth                         | -                                |

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|  | Part#: <a href="#">DG309CJ-E3</a><br>Description: IC SWITCH QUAD SPST/CMOS 16DIP  | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DG309BDY-E3</a><br>Description: IC SWITCH QUAD CMOS 16SOIC     | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DG309BDQ-T1-E3</a><br>Description: IC SWITCH QUAD CMOS 16TSSOP | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
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