

DG528CJ+



Part Number: [DG528CJ+](#)

Manufacturer: [Maxim Integrated](#)

Description: IC MULTIPLEXER 8X1 18DIP

Data sheet:  [DG528-29](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

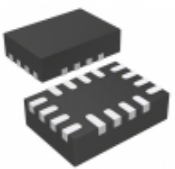
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| PRODUCT PARAMETER                  |                                           |                                        |                                  |
|------------------------------------|-------------------------------------------|----------------------------------------|----------------------------------|
| Part Number                        | DG528CJ+                                  | Manufacturer                           | <a href="#">Maxim Integrated</a> |
| Description                        | IC MULTIPLEXER 8X1 18DIP                  | Lead Free Status / RoHS Status         | Lead free / RoHS Compliant       |
| Quantity Available                 | 16335 pcs                                 | Data sheet                             | <a href="#">DG528-29</a>         |
| Category                           | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply, Single (V+)          | 5 V ~ 30 V                       |
| Voltage - Supply, Dual (V±)        | ±4.5 V ~ 20 V                             | Switch Time (Ton, Toff) (Max)          | 1.5µs, 1.5µs                     |
| Switch Circuit                     | -                                         | Supplier Device Package                | 18-PDIP                          |
| Series                             | -                                         | Packaging                              | Tube                             |
| Package / Case                     | 18-DIP (0.300", 7.62mm)                   | Operating Temperature                  | 0°C ~ 70°C (TA)                  |
| On-State Resistance (Max)          | 450 Ohm                                   | Number of Circuits                     | 1                                |
| Multiplexer/Demultiplexer Circuit  | 8:1                                       | Moisture Sensitivity Level (MSL)       | 1 (Unlimited)                    |
| Manufacturer Standard Lead Time    | 6 Weeks                                   | Lead Free Status / RoHS Status         | Lead free / RoHS Compliant       |
| Detailed Description               | 1 Circuit IC Switch 8:1 450 Ohm 18-PDIP   | Current - Leakage (IS(off)) (Max)      | 5nA                              |
| Crosstalk                          | -                                         | Charge Injection                       | 4pC                              |
| Channel-to-Channel Matching (ΔRon) | 27 Ohm                                    | Channel Capacitance (CS(off), CD(off)) | 5pF, 25pF                        |
| Base Part Number                   | DG528                                     | -3db Bandwidth                         | -                                |

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|  | Part#: <a href="#">DG509AEWE+</a><br>Description: IC MULTIPLEXER DUAL 4X1 16SOIC      | Manufacturers: <a href="#">Maxim Integrated</a>                             | <div>RFQ</div> |
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|  | Part#: <a href="#">DG528CWN+</a><br>Description: IC MULTIPLEXER 8X1 18SOIC            | Manufacturers: <a href="#">Maxim Integrated</a>                             | <div>RFQ</div> |
|  | Part#: <a href="#">DG528DJ+</a><br>Description: IC MULTIPLEXER 8X1 18DIP              | Manufacturers: <a href="#">Maxim Integrated</a>                             | <div>RFQ</div> |
|  | Part#: <a href="#">DG528AK/883B</a><br>Description: IC MUX 8:1 400 OHM 18DIP          | Manufacturers: <a href="#">Maxim Integrated</a>                             | <div>RFQ</div> |
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|  | Part#: <a href="#">DG509AEWE-C30144</a><br>Description: IC MUX MONO CMOS ANALOG SOIC  | Manufacturers: <a href="#">Maxim Integrated</a>                             | <div>RFQ</div> |
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