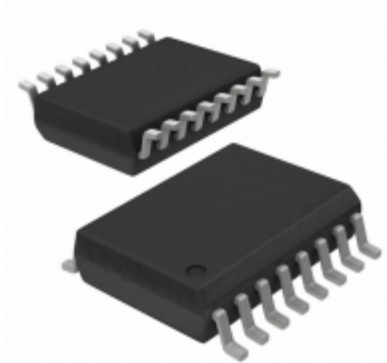


DG509AEWE+



Images are for reference only.  
See Product Specifications for product details.  
Buy DG509AEWE+ with confidence from Component-World.HK, 1 Year Warranty



Part Number: [DG509AEWE+](#)

Manufacturer: [Maxim Integrated](#)

Description: IC MULTIPLEXER DUAL 4X1 16SOIC

Data sheet:  [DG508A-09A](#)

RoHs Status: Lead free / RoHS Compliant

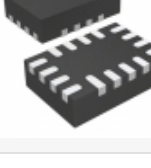
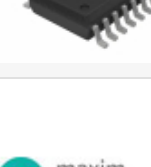
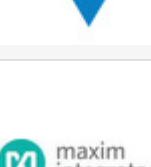
Ship From: Hong Kong

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

Request For Quotation

| PRODUCT PARAMETER                  |                                           |                                        |                                  |
|------------------------------------|-------------------------------------------|----------------------------------------|----------------------------------|
| Part Number                        | DG509AEWE+                                | Manufacturer                           | <a href="#">Maxim Integrated</a> |
| Description                        | IC MULTIPLEXER DUAL 4X1 16SOIC            | Lead Free Status / RoHS Status         | Lead free / RoHS Compliant       |
| Quantity Available                 | 18250 pcs                                 | Data sheet                             | <a href="#">DG508A-09A</a>       |
| Category                           | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply, Single (V+)          | -                                |
| Voltage - Supply, Dual (V±)        | ±4.5 V ~ 18 V                             | Switch Time (Ton, Toff) (Max)          | 1.5µs, 1µs                       |
| Switch Circuit                     | SP4T                                      | Supplier Device Package                | 16-SOIC                          |
| Series                             | -                                         | Packaging                              | Tube                             |
| Package / Case                     | 16-SOIC (0.295", 7.50mm Width)            | Operating Temperature                  | -40°C ~ 85°C (TA)                |
| On-State Resistance (Max)          | 450 Ohm                                   | Number of Circuits                     | 2                                |
| Multiplexer/Demultiplexer Circuit  | 4:1                                       | Moisture Sensitivity Level (MSL)       | 1 (Unlimited)                    |
| Manufacturer Standard Lead Time    | 6 Weeks                                   | Lead Free Status / RoHS Status         | Lead free / RoHS Compliant       |
| Detailed Description               | 2 Circuit IC Switch 4:1 450 Ohm 16-SOIC   | Current - Leakage (IS(off)) (Max)      | 1nA                              |
| Crosstalk                          | -                                         | Charge Injection                       | -                                |
| Channel-to-Channel Matching (ΔRon) | 27 Ohm                                    | Channel Capacitance (CS(off), CD(off)) | 5pF, 12pF                        |
| Base Part Number                   | DG509A                                    | -3db Bandwidth                         | -                                |

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| RELATED PRODUCTS                                                                   |                                                                                       |                                                             |                |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------------------------------|----------------|
|  | Part#: <a href="#">DG509ACWE+</a><br>Description: IC MULTIPLEXER DUAL 4X1 16SOIC      | Manufacturers: <a href="#">Maxim Integrated</a>             | <div>RFQ</div> |
|  | Part#: <a href="#">DG509ADY+</a><br>Description: IC MULTIPLEXER DUAL 4X1 16SOIC       | Manufacturers: <a href="#">Maxim Integrated</a>             | <div>RFQ</div> |
|  | Part#: <a href="#">DG509BEJ-E3</a><br>Description: IC MUX ANA DUAL 8/4CH 16DIP        | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DG509ADY-T</a><br>Description: IC MULTIPLEXER DUAL 4X1 16SOIC      | Manufacturers: <a href="#">Maxim Integrated</a>             | <div>RFQ</div> |
|  | Part#: <a href="#">DG528CJ+</a><br>Description: IC MULTIPLEXER 8X1 18DIP              | Manufacturers: <a href="#">Maxim Integrated</a>             | <div>RFQ</div> |
|  | Part#: <a href="#">DG509BEN-T1-GE4</a><br>Description: IC MUX ANALOG SINGLE 8CH 16QFN | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DG528CWN+</a><br>Description: IC MULTIPLEXER 8X1 18SOIC            | Manufacturers: <a href="#">Maxim Integrated</a>             | <div>RFQ</div> |
|  | Part#: <a href="#">DG509BEY-T1-E3</a><br>Description: IC MUX DUAL 4CHAN PREC 16-SOIC  | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</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> |
|  | Part#: <a href="#">DG528AK</a><br>Description: IC MULTIPLEXER 8X1 18DIP               | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DG509BEQ-T1-E3</a><br>Description: IC MUX DUAL 4CHAN PREC 16-TSSOP | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DG509ACJ</a><br>Description: IC MULTIPLEXER DUAL 4X1 16DIP         | Manufacturers: <a href="#">Maxim Integrated</a>             | <div>RFQ</div> |
|  | Part#: <a href="#">DG509ADY-T</a><br>Description: IC MUX ANLG MONO CMOS 16SOIC        | Manufacturers: <a href="#">Maxim Integrated</a>             | <div>RFQ</div> |
|  | Part#: <a href="#">DG509ACWE</a><br>Description: IC MUX ANLG MONO CMOS 16SOIC         | Manufacturers: <a href="#">Maxim Integrated</a>             | <div>RFQ</div> |
|  | Part#: <a href="#">DG509ACJ+</a><br>Description: IC MULTIPLEXER DUAL 4X1 16DIP        | Manufacturers: <a href="#">Maxim Integrated</a>             | <div>RFQ</div> |
|  | Part#: <a href="#">DG528BK</a><br>Description: IC MULTIPLEXER 8X1 18DIP               | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DG509ADJ+</a><br>Description: IC MULTIPLEXER DUAL 4X1 16DIP        | Manufacturers: <a href="#">Maxim Integrated</a>             | <div>RFQ</div> |
|  | Part#: <a href="#">DG509ACWE-T</a><br>Description: IC MULTIPLEXER DUAL 4X1 16SOIC     | Manufacturers: <a href="#">Maxim Integrated</a>             | <div>RFQ</div> |
|  | Part#: <a href="#">DG509AEWE-C30144</a><br>Description: IC MUX MONO CMOS ANALOG SOIC  | Manufacturers: <a href="#">Maxim Integrated</a>             | <div>RFQ</div> |
|  | Part#: <a href="#">DG509ADY</a><br>Description: IC MULTIPLEXER DUAL 4X1 16SOIC        | Manufacturers: <a href="#">Maxim Integrated</a>             | <div>RFQ</div> |

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