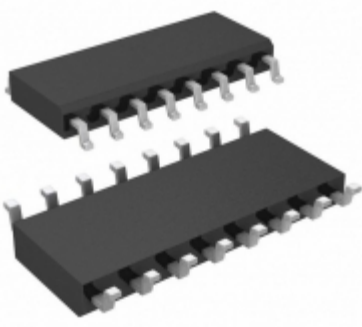


DG308ACY+T





Part Number:

DG308ACY+T

Manufacturer

Maxim Integrated

Description

IC SWITCH QUAD SPST 16SOIC

Data sheet:

 [DG308A,309](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

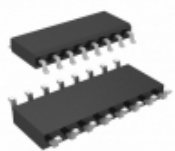
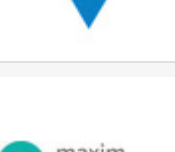
Shipment Way:

DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
Buy DG308ACY+T with confidence from Component-World.HK, 1 Year Warranty

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                           |                                    |                                       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|------------------------------------|---------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                             | DG308ACY+T                                | Manufacturer                       | <a href="#">Maxim Integrated</a>      |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                             | IC SWITCH QUAD SPST 16SOIC                | Lead Free Status / RoHS Status     | Lead free / RoHS Compliant            |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                      | 4557 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 - NO                                 | Supplier Device Package            | 16-SO                                 |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -                                         | Packaging                          | Tape & Reel (TR)                      |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                          | 16-SOIC (0.154", 3.90mm Width)            | 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)                         |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                          | Lead free / RoHS Compliant                | Detailed Description               | 4 Circuit IC Switch 1:1 100 Ohm 16-SO |
| 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                   | DG308A                                |
| -3db Bandwidth                                                                                                                                                                                                                                                                                                                                                                                                                                          | -                                         |                                    |                                       |
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| RELATED PRODUCTS                                                                   |                                                                                  |                                                             |                |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|-------------------------------------------------------------|----------------|
|  | Part#: <a href="#">DG308ADY+T</a><br>Description: IC SWITCH QUAD SPST 16SOIC     | Manufacturers: <a href="#">Maxim Integrated</a>             | <div>RFQ</div> |
|  | Part#: <a href="#">DG307ACJ</a><br>Description: IC SWITCH DUAL SPDT 14DIP        | Manufacturers: <a href="#">Maxim Integrated</a>             | <div>RFQ</div> |
|  | Part#: <a href="#">DG308ADY-T1-E3</a><br>Description: IC SWITCH QUAD SPST 16SOIC | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DG307AEWE</a><br>Description: IC SW ANLG CMOS 16-SOIC         | Manufacturers: <a href="#">Maxim Integrated</a>             | <div>RFQ</div> |
|  | Part#: <a href="#">DG308ACJ</a><br>Description: IC SWITCH QUAD SPST 16DIP        | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DG307ACWE</a><br>Description: IC SWITCH DUAL SPDT 16SOIC      | Manufacturers: <a href="#">Maxim Integrated</a>             | <div>RFQ</div> |
|  | Part#: <a href="#">DG308ADY</a><br>Description: IC SWITCH QUAD SPST 16SOIC       | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DG308ACY+</a><br>Description: IC SWITCH QUAD SPST 16SOIC      | Manufacturers: <a href="#">Maxim Integrated</a>             | <div>RFQ</div> |
|  | Part#: <a href="#">DG308ADY-E3</a><br>Description: IC SWITCH QUAD SPST 16SOIC    | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DG307BDJ-E3</a><br>Description: IC SWITCH CMOS 14DIP          | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DG308ACJ+</a><br>Description: IC SWITCH QUAD SPST 16DIP       | Manufacturers: <a href="#">Maxim Integrated</a>             | <div>RFQ</div> |
|  | Part#: <a href="#">DG308BDJ</a><br>Description: IC SWITCH QUAD SPST 16DIP        | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DG308ADY+</a><br>Description: IC SWITCH QUAD SPST 16SOIC      | Manufacturers: <a href="#">Maxim Integrated</a>             | <div>RFQ</div> |
|  | Part#: <a href="#">DG308ADY-T1</a><br>Description: IC SWITCH QUAD SPST 16SOIC    | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DG307BDJ</a><br>Description: IC SWITCH CMOS 14DIP             | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DG308ADK</a><br>Description: IC ANALOG SWITCH                 | Manufacturers: <a href="#">Maxim Integrated</a>             | <div>RFQ</div> |
|  | Part#: <a href="#">DG307ACJ+</a><br>Description: IC SWITCH DUAL SPDT 14DIP       | Manufacturers: <a href="#">Maxim Integrated</a>             | <div>RFQ</div> |
|  | Part#: <a href="#">DG308BDJ-E3</a><br>Description: IC SWITCH QUAD CMOS 16DIP     | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DG308ACJ-E3</a><br>Description: IC SWITCH QUAD SPST 16DIP     | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DG308BAK/883</a><br>Description: IC SWITCH QUAD SPST 16DIP    | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |

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