

DG408DY+T





Part Number: [DG408DY+T](#)

Manufacturer: [Maxim Integrated](#)

Description: IC MULTIPLEXER 8X1 16SOIC

Data sheet:  [DG408-09](#)

RoHs Status: Lead free / RoHS Compliant

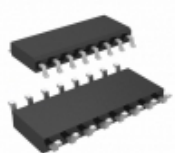
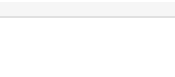
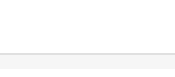
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                           |                                        |                                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|----------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                             | DG408DY+T                                 | Manufacturer                           | <a href="#">Maxim Integrated</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                             | IC MULTIPLEXER 8X1 16SOIC                 | Lead Free Status / RoHS Status         | Lead free / RoHS Compliant       |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                      | 28760 pcs                                 | Data sheet                             | <a href="#">DG408-09</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)          | 150ns, 150ns                     |
| Switch Circuit                                                                                                                                                                                                                                                                                                                                                                                                                                          | -                                         | Supplier Device Package                | 16-SO                            |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -                                         | Packaging                              | Tape & Reel (TR)                 |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                          | 16-SOIC (0.154", 3.90mm Width)            | Operating Temperature                  | -40°C ~ 85°C (TA)                |
| On-State Resistance (Max)                                                                                                                                                                                                                                                                                                                                                                                                                               | 100 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 8:1 100 Ohm 16-SO     | Current - Leakage (IS(off)) (Max)      | 500pA                            |
| Crosstalk                                                                                                                                                                                                                                                                                                                                                                                                                                               | -92dB @ 100kHz                            | Charge Injection                       | 2pC                              |
| Channel-to-Channel Matching (ΔRon)                                                                                                                                                                                                                                                                                                                                                                                                                      | 1.5 Ohm                                   | Channel Capacitance (CS(off), CD(off)) | 3pF, 26pF                        |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                        | DG408                                     | -3db Bandwidth                         | -                                |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Maxim Integrated series electronic components. We have 28760 pieces of Maxim Integrated DG408DY+T in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                           |                                        |                                  |

| RELATED PRODUCTS                                                                   |                                                                                    |                                                                             |                     |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">DG408DY-T1</a><br>Description: IC MUX CMOS ANG DUAL 8CH 16SOIC  | Manufacturers: <a href="#">Electro-Films (EFI)</a> / <a href="#">Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DG408DVZ</a><br>Description: IC MULTIPLEXER 8X1 16TSSOP         | Manufacturers: <a href="#">Intersil</a>                                     | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DG408EUE</a><br>Description: IC MULTIPLEXER 8:1 16TSSOP         | Manufacturers: <a href="#">Maxim Integrated</a>                             | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DG408DY-T</a><br>Description: IC MULTIPLEXER 8X1 16-SOIC        | Manufacturers: <a href="#">Maxim Integrated</a>                             | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DG408DY/R70865</a><br>Description: IC MULTIPLEXER 8:1 16SOIC    | Manufacturers: <a href="#">Maxim Integrated</a>                             | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DG408DY-T1-E3</a><br>Description: IC MULTIPLEXER 8X1 16SOIC     | Manufacturers: <a href="#">Electro-Films (EFI)</a> / <a href="#">Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DG408DY-T</a><br>Description: IC MULTIPLEXER 8X1 16SOIC         | Manufacturers: <a href="#">Intersil</a>                                     | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DG408EUE+</a><br>Description: IC MULTIPLEXER 8X1 16TSSOP        | Manufacturers: <a href="#">Maxim Integrated</a>                             | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DG408DYZ-T</a><br>Description: IC MULTIPLEXER 8X1 16SOIC        | Manufacturers: <a href="#">Intersil</a>                                     | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DG408DQ-E3</a><br>Description: IC MUX CMOS ANG DUAL 8CH 16TSSOP | Manufacturers: <a href="#">Electro-Films (EFI)</a> / <a href="#">Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DG408DY</a><br>Description: IC MULTIPLEXER 8X1 16SOIC           | Manufacturers: <a href="#">Intersil</a>                                     | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DG408DYZ</a><br>Description: IC MULTIPLEXER 8X1 16SOIC          | Manufacturers: <a href="#">Intersil</a>                                     | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DG408DY</a><br>Description: IC MULTIPLEXER 8X1 16-SOIC          | Manufacturers: <a href="#">Maxim Integrated</a>                             | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DG408DVZ-T</a><br>Description: IC MULTIPLEXER 8X1 16TSSOP       | Manufacturers: <a href="#">Intersil</a>                                     | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DG408DY</a><br>Description: IC MUX CMOS ANG DUAL 8CH 16SOIC     | Manufacturers: <a href="#">Electro-Films (EFI)</a> / <a href="#">Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DG408DJZ</a><br>Description: IC MULTIPLEXER 8X1 16DIP           | Manufacturers: <a href="#">Intersil</a>                                     | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DG408DY+</a><br>Description: IC MULTIPLEXER 8X1 16SOIC          | Manufacturers: <a href="#">Maxim Integrated</a>                             | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DG408DY-E3</a><br>Description: IC MUX CMOS ANG DUAL 8CH 16SOIC  | Manufacturers: <a href="#">Electro-Films (EFI)</a> / <a href="#">Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DG408DQ-T1-E3</a><br>Description: IC MULTIPLEXER 8X1 16TSSOP    | Manufacturers: <a href="#">Electro-Films (EFI)</a> / <a href="#">Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DG408DJ-E3</a><br>Description: IC MUX CMOS ANLG DUAL 8CH 16DIP  | Manufacturers: <a href="#">Electro-Films (EFI)</a> / <a href="#">Vishay</a> | <a href="#">RFQ</a> |

| Related keywords for DG408DY+T |                       |                    |                 |
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