

DG408EUE+



Part Number: [DG408EUE+](#)

Manufacturer: [Maxim Integrated](#)

Description: IC MULTIPLEXER 8X1 16TSSOP

Data sheet:  [DG408-09](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

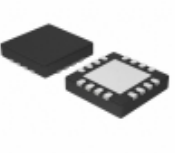
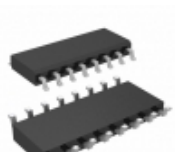
Shipment Way: DHL/Fedex/TNT/UPS/EMS

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| PRODUCT PARAMETER                  |                                           |                                        |                                  |
|------------------------------------|-------------------------------------------|----------------------------------------|----------------------------------|
| Part Number                        | DG408EUE+                                 | Manufacturer                           | <a href="#">Maxim Integrated</a> |
| Description                        | IC MULTIPLEXER 8X1 16TSSOP                | Lead Free Status / RoHS Status         | Lead free / RoHS Compliant       |
| Quantity Available                 | 25592 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-TSSOP                         |
| Series                             | -                                         | Packaging                              | Tube                             |
| Package / Case                     | 16-TSSOP (0.173", 4.40mm 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-TSSOP  | 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                         | -                                |

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|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|----------------|
|  | 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> | <div>RFQ</div> |
|  | Part#: <a href="#">DG408LEDN-T1-GE4</a><br>Description: IC MUX CMOS SINGLE 8CH 16-QFN  | Manufacturers: <a href="#">Electro-Films (EFI)</a> / <a href="#">Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DG408EUE+T</a><br>Description: IC MULTIPLEXER 8X1 16TSSOP           | Manufacturers: <a href="#">Maxim Integrated</a>                             | <div>RFQ</div> |
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|  | Part#: <a href="#">DG408DY+T</a><br>Description: IC MULTIPLEXER 8X1 16SOIC             | Manufacturers: <a href="#">Maxim Integrated</a>                             | <div>RFQ</div> |
|  | Part#: <a href="#">DG408DY-T1-E3</a><br>Description: IC MULTIPLEXER 8X1 16SOIC         | Manufacturers: <a href="#">Electro-Films (EFI)</a> / <a href="#">Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DG408DY-T</a><br>Description: IC MULTIPLEXER 8X1 16SOIC             | Manufacturers: <a href="#">Intersil</a>                                     | <div>RFQ</div> |
|  | Part#: <a href="#">DG408LDY-E3</a><br>Description: IC MUX CMOS ANG DUAL 8CH 16SOIC     | Manufacturers: <a href="#">Electro-Films (EFI)</a> / <a href="#">Vishay</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">DG408LDY</a><br>Description: IC MUX CMOS ANG DUAL 8CH 16SOIC        | Manufacturers: <a href="#">Electro-Films (EFI)</a> / <a href="#">Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DG408DYZ</a><br>Description: IC MULTIPLEXER 8X1 16SOIC              | Manufacturers: <a href="#">Intersil</a>                                     | <div>RFQ</div> |
|  | Part#: <a href="#">DG408LDQ-T1-E3</a><br>Description: IC MUX CMOS ANG DUAL 8CH 16TSSOP | Manufacturers: <a href="#">Electro-Films (EFI)</a> / <a href="#">Vishay</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">DG408DY-T</a><br>Description: IC MULTIPLEXER 8X1 16-SOIC            | Manufacturers: <a href="#">Maxim Integrated</a>                             | <div>RFQ</div> |
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|  | Part#: <a href="#">DG408DY/R70865</a><br>Description: IC MULTIPLEXER 8:1 16SOIC        | Manufacturers: <a href="#">Maxim Integrated</a>                             | <div>RFQ</div> |
|  | Part#: <a href="#">DG408DYZ-T</a><br>Description: IC MULTIPLEXER 8X1 16SOIC            | Manufacturers: <a href="#">Intersil</a>                                     | <div>RFQ</div> |
|  | Part#: <a href="#">DG408LDY-T1-E3</a><br>Description: IC MUX CMOS ANG DUAL 8CH 16SOIC  | Manufacturers: <a href="#">Electro-Films (EFI)</a> / <a href="#">Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DG408LDQ-E3</a><br>Description: IC MUX CMOS ANG DUAL 8CH 16TSSOP    | Manufacturers: <a href="#">Electro-Films (EFI)</a> / <a href="#">Vishay</a> | <div>RFQ</div> |

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