

DG408DY-E3



**Part Number:** [DG408DY-E3](#)

**Manufacturer:** [Electro-Films \(EFI\) / Vishay](#)

**Description:** IC MUX CMOS ANG DUAL 8CH 16SOIC

**Data sheet:**  [DG408, DG409](#)

**RoHs Status:** Lead free / RoHS Compliant

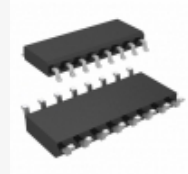
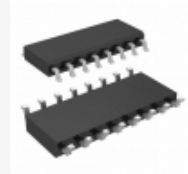
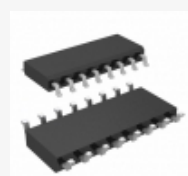
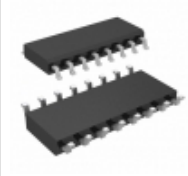
**Ship From:** Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                 |                                           |                                    |                                              |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|------------------------------------|----------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                       | DG408DY-E3                                | Manufacturer                       | <a href="#">Electro-Films (EFI) / Vishay</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                       | IC MUX CMOS ANG DUAL 8CH 16SOIC           | Lead Free Status / RoHS Status     | Lead free / RoHS Compliant                   |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                | 84287 pcs                                 | Data sheet                         | <a href="#">DG408, DG409</a>                 |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                          | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply, Single (V+)      | 12V                                          |
| Voltage - Supply, Dual (V±)                                                                                                                                                                                                                                                                                                                                                                                                       | ±5 V ~ 20 V                               | Switch Time (Ton, Toff) (Max)      | 150ns, 150ns                                 |
| Switch Circuit                                                                                                                                                                                                                                                                                                                                                                                                                    | -                                         | Supplier Device Package            | 16-SOIC                                      |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                            | -                                         | Packaging                          | Tube                                         |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                    | 16-SOIC (0.154", 3.90mm Width)            | Other Names                        | DG408DYE3                                    |
| 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    | 11 Weeks                                     |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                    | Lead free / RoHS Compliant                | Detailed Description               | 1 Circuit IC Switch 8:1 100 Ohm 16-SOIC      |
| Current - Leakage (IS(off)) (Max)                                                                                                                                                                                                                                                                                                                                                                                                 | 500pA                                     | Crosstalk                          | -                                            |
| Charge Injection                                                                                                                                                                                                                                                                                                                                                                                                                  | 20pC                                      | Channel-to-Channel Matching (ΔRon) | 15 Ohm (Max)                                 |
| 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 Electro-Films (EFI) / Vishay series electronic components. We have 84287 pieces of Electro-Films (EFI) / Vishay DG408DY-E3 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: info@Components-World.com |                                           |                                    |                                              |

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

| Related keywords for DG408DY-E3         |                                         |                                 |                                                |
|-----------------------------------------|-----------------------------------------|---------------------------------|------------------------------------------------|
| Electro-Films (EFI) / Vishay DG408DY-E3 | DG408DY-E3 distributor                  | DG408DY-E3 supplier             | DG408DY-E3 price                               |
| DG408DY-E3 download datasheet           | DG408DY-E3 datasheet                    | DG408DY-E3 stock                | buy DG408DY-E3                                 |
| Electro-Films (EFI) / Vishay DG408DY-E3 | Electro-Films (EFI) / Vishay DG408DY-E3 | Vishay Electro-Films DG408DY-E3 | Phoenix Passive Components / Vishay DG408DY-E3 |