

DG309DY



**Part Number:** [DG309DY](#)

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

**Description** IC SWITCH QUAD SPST/CMOS 16SOIC

**Data sheet:**  [DG308A](#), [DG309](#)

**RoHs Status:** Contains lead / RoHS non-compliant

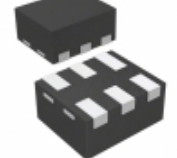
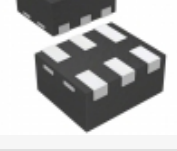
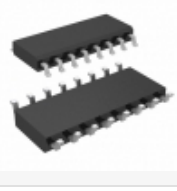
**Ship From:** Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
Buy DG309DY with confidence from Component-World.HK, 1 Year Warranty

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                           |                                        |                                                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | DG309DY                                   | Manufacturer                           | <a href="#">Electro-Films (EFI) / Vishay</a>   |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | IC SWITCH QUAD SPST/CMOS 16SOIC           | Lead Free Status / RoHS Status         | Contains lead / RoHS non-compliant             |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 4434 pcs                                  | Data sheet                             | <a href="#">DG308A</a> , <a href="#">DG309</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply, Single (V+)          | 4 V ~ 44 V                                     |
| Voltage - Supply, Dual (V±)                                                                                                                                                                                                                                                                                                                                                                                                                                                  | ±4 V ~ 22 V                               | Switch Time (Ton, Toff) (Max)          | 200ns, 150ns                                   |
| Switch Circuit                                                                                                                                                                                                                                                                                                                                                                                                                                                               | SPST - NC                                 | Supplier Device Package                | 16-SOIC                                        |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | -                                         | Packaging                              | Tube                                           |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 16-SOIC (0.154", 3.90mm Width)            | Other Names                            | DG309DYVSI                                     |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                        | -40°C ~ 85°C (TA)                         | On-State Resistance (Max)              | 85 Ohm                                         |
| Number of Circuits                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 4                                         | Multiplexer/Demultiplexer Circuit      | 1:1                                            |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                             | 1 (Unlimited)                             | Lead Free Status / RoHS Status         | Contains lead / RoHS non-compliant             |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 4 Circuit IC Switch 1:1 85 Ohm 16-SOIC    | Current - Leakage (IS(off)) (Max)      | 500pA                                          |
| Crosstalk                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -95dB @ 100kHz                            | Charge Injection                       | 1pC                                            |
| Channel-to-Channel Matching (ΔRon)                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1.7 Ohm                                   | Channel Capacitance (CS(off), CD(off)) | 5pF, 5pF                                       |
| -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 4434 pieces of Electro-Films (EFI) / Vishay DG309DY 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="#">DG309CJ-E3</a><br>Description: IC SWITCH QUAD SPST/CMOS 16DIP       | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DG3157DL-T1-E3</a><br>Description: IC DECODER/DEMUX HS 2:1 SC70-6   | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DG309CJ</a><br>Description: IC SWITCH QUAD SPST 16DIP               | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DG3157BDN-T1-E4</a><br>Description: IC SWITCH SPDT 300MHZ 6-MINIQFN | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DG309DY</a><br>Description: IC SWITCH QUAD SPST 16SOIC              | Manufacturers: <a href="#">Maxim Integrated</a>             | <div>RFQ</div> |
|  | Part#: <a href="#">DG309BDY-T1-E3</a><br>Description: IC SWITCH QUAD CMOS 16SOIC       | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DG309DY-E3</a><br>Description: IC SWITCH QUAD SPST/CMOS 16SOIC      | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DG309DY+</a><br>Description: IC SWITCH QUAD SPST 16SOIC             | Manufacturers: <a href="#">Maxim Integrated</a>             | <div>RFQ</div> |
|  | Part#: <a href="#">DG309CJ+</a><br>Description: IC SWITCH QUAD SPST 16DIP              | Manufacturers: <a href="#">Maxim Integrated</a>             | <div>RFQ</div> |
|  | Part#: <a href="#">DG309DY+T</a><br>Description: IC SWITCH QUAD SPST 16SOIC            | Manufacturers: <a href="#">Maxim Integrated</a>             | <div>RFQ</div> |
|  | Part#: <a href="#">DG309DY-T1</a><br>Description: IC SWITCH QUAD SPST/CMOS 16SOIC      | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DG3157EDL-T1-GE3</a><br>Description: IC DECODER/DEMUX SC70          | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DG3157DL-T1-GE3</a><br>Description: IC DECODER/DEMUX HS 2:1 SC70-6  | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DG309CJ</a><br>Description: IC SWITCH QUAD SPST 16DIP               | Manufacturers: <a href="#">Maxim Integrated</a>             | <div>RFQ</div> |
|  | Part#: <a href="#">DG309BDY-T1</a><br>Description: IC SWITCH QUAD SPST 16SOIC          | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DG3157ADN-T1-E4</a><br>Description: IC SWITCH SPDT 300MHZ 6-MINIQFN | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DG309DJ</a><br>Description: IC SW QUAD ANLG SPST 16-DIP             | Manufacturers: <a href="#">Maxim Integrated</a>             | <div>RFQ</div> |
|  | Part#: <a href="#">DG309CY+</a><br>Description: IC SWITCH QUAD SPST 16SOIC             | Manufacturers: <a href="#">Maxim Integrated</a>             | <div>RFQ</div> |
|  | Part#: <a href="#">DG309CY</a><br>Description: IC SWITCH QUAD SPST 16SOIC              | Manufacturers: <a href="#">Maxim Integrated</a>             | <div>RFQ</div> |
|  | Part#: <a href="#">DG309DY-T1-E3</a><br>Description: IC SWITCH QUAD SPST/CMOS 16SOIC   | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |

| Related keywords for DG309DY         |                                      |                              |                                             |
|--------------------------------------|--------------------------------------|------------------------------|---------------------------------------------|
| Electro-Films (EFI) / Vishay DG309DY | DG309DY distributor                  | DG309DY supplier             | DG309DY price                               |
| DG309DY download datasheet           | DG309DY datasheet                    | DG309DY stock                | buy DG309DY                                 |
| Electro-Films (EFI) / Vishay DG309DY | Electro-Films (EFI) / Vishay DG309DY | Vishay Electro-Films DG309DY | Phoenix Passive Components / Vishay DG309DY |