

DG309DY-T1



Part Number: [DG309DY-T1](#)

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

Description: IC SWITCH QUAD SPST/CMOS 16SOIC

Data sheet:  [DG308B](#), [DG309B](#)

RoHs Status: Contains lead / RoHS non-compliant

Ship From: Hong Kong

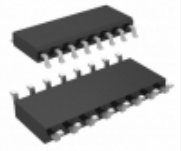
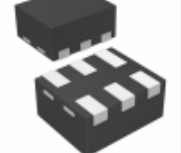
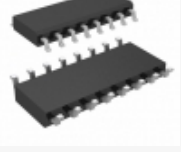
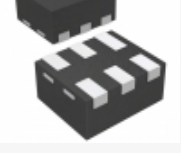
Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
Buy DG309DY-T1 with confidence from Component-World.HK, 1 Year Warranty

Request For Quotation

| PRODUCT PARAMETER                      |                                           |                                    |                                                 |
|----------------------------------------|-------------------------------------------|------------------------------------|-------------------------------------------------|
| Part Number                            | DG309DY-T1                                | 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                     | 5735 pcs                                  | Data sheet                         | <a href="#">DG308B</a> , <a href="#">DG309B</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                          | Tape & Reel (TR)                                |
| Package / Case                         | 16-SOIC (0.154", 3.90mm Width)            | 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 5735 pieces of Electro-Films (EFI) / Vishay DG309DY-T1 in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.  
RFQ Email: [info@Components-World.com](mailto:info@Components-World.com)

| RELATED PRODUCTS                                                                   |                                                                                        |                                                             |                |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-------------------------------------------------------------|----------------|
|  | 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="#">DG333ADJ</a><br>Description: IC SWITCH QUAD SPDT 20DIP              | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DG333ADJ-E3</a><br>Description: IC SWITCH QUAD SPDT 20DIP           | 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="#">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="#">DG309CJ+</a><br>Description: IC SWITCH QUAD SPST 16DIP              | Manufacturers: <a href="#">Maxim Integrated</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="#">DG309DY</a><br>Description: IC SWITCH QUAD SPST 16SOIC              | Manufacturers: <a href="#">Maxim Integrated</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="#">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+T</a><br>Description: IC SWITCH QUAD SPST 16SOIC            | Manufacturers: <a href="#">Maxim Integrated</a>             | <div>RFQ</div> |
|  | Part#: <a href="#">DG3257DN-T1-GE4</a><br>Description: IC ANALOG SWITCH 6UDFN          | 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="#">DG309DY+</a><br>Description: IC SWITCH QUAD SPST 16SOIC             | Manufacturers: <a href="#">Maxim Integrated</a>             | <div>RFQ</div> |
|  | Part#: <a href="#">DG309DY</a><br>Description: IC SWITCH QUAD SPST/CMOS 16SOIC         | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DG333ADQ-T1-E3</a><br>Description: IC SWITCH QUAD SPDT 20TSSOP      | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</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> |
|  | 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> |

| Related keywords for DG309DY-T1         |                                         |                                 |                                                |
|-----------------------------------------|-----------------------------------------|---------------------------------|------------------------------------------------|
| Electro-Films (EFI) / Vishay DG309DY-T1 | DG309DY-T1 distributor                  | DG309DY-T1 supplier             | DG309DY-T1 price                               |
| DG309DY-T1 download datasheet           | DG309DY-T1 datasheet                    | DG309DY-T1 stock                | buy DG309DY-T1                                 |
| Electro-Films (EFI) / Vishay DG309DY-T1 | Electro-Films (EFI) / Vishay DG309DY-T1 | Vishay Electro-Films DG309DY-T1 | Phoenix Passive Components / Vishay DG309DY-T1 |