

DG612DJ-E3



**Part Number:** [DG612DJ-E3](#)

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

**Description:** IC SWITCH QUAD SPST 16-DIP

**Data sheet:**  [DG611-613](#)

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

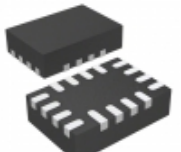
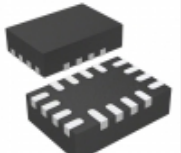
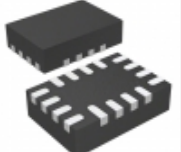
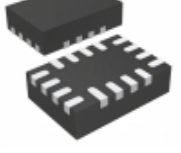
**Ship From:** Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
Buy DG612DJ-E3 with confidence from Component-World.HK, 1 Year Warranty

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                 |                                           |                                        |                                              |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|----------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                       | DG612DJ-E3                                | Manufacturer                           | <a href="#">Electro-Films (EFI) / Vishay</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                       | IC SWITCH QUAD SPST 16-DIP                | Lead Free Status / RoHS Status         | Lead free / RoHS Compliant                   |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                | 35236 pcs                                 | Data sheet                             | <a href="#">DG611-613</a>                    |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                          | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply, Single (V+)          | 10 V ~ 18 V                                  |
| Voltage - Supply, Dual (V±)                                                                                                                                                                                                                                                                                                                                                                                                       | ±10 V ~ 15 V                              | Switch Time (Ton, Toff) (Max)          | 35ns, 25ns                                   |
| Switch Circuit                                                                                                                                                                                                                                                                                                                                                                                                                    | SPST - NO                                 | Supplier Device Package                | 16-PDIP                                      |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                            | -                                         | Packaging                              | Tube                                         |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                    | 16-DIP (0.300", 7.62mm)                   | Other Names                            | DG612DJE3                                    |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                             | -40°C ~ 85°C (TA)                         | On-State Resistance (Max)              | 45 Ohm                                       |
| Number of Circuits                                                                                                                                                                                                                                                                                                                                                                                                                | 4                                         | Multiplexer/Demultiplexer Circuit      | 1:1                                          |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                  | 1 (Unlimited)                             | Lead Free Status / RoHS Status         | Lead free / RoHS Compliant                   |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                              | 4 Circuit IC Switch 1:1 45 Ohm 16-PDIP    | Current - Leakage (IS(off)) (Max)      | 250pA                                        |
| Crosstalk                                                                                                                                                                                                                                                                                                                                                                                                                         | -87dB @ 5MHz                              | Charge Injection                       | 4pC                                          |
| Channel-to-Channel Matching (ΔRon)                                                                                                                                                                                                                                                                                                                                                                                                | 2 Ohm                                     | Channel Capacitance (CS(off), CD(off)) | 3pF, 2pF                                     |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                  | DG612                                     | -3db Bandwidth                         | 500MHz                                       |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Electro-Films (EFI) / Vishay series electronic components. We have 35236 pieces of Electro-Films (EFI) / Vishay DG612DJ-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="#">DG612AEY-T1-E3</a><br>Description: IC SWITCH QUAD SPST 16SOIC    | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DG612EEQ-T1-GE4</a><br>Description: IC SWITCH QUAD SPST TSSOP16  | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DG612EEN-T1-GE4</a><br>Description: IC AMP/VIDEO/MUX LP 16QFN    | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DG611EEN-T1-GE4</a><br>Description: IC ANALOG SWITCH 16MINIQFN   | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DG613AEQ-T1-E3</a><br>Description: IC SWITCH QUAD SPST 16TSSOP   | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DG613AEN-T1-E4</a><br>Description: IC SWITCH QUAD SPST 16MINIQFN | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DG612DJ</a><br>Description: IC SWITCH QUAD SPST 16-DIP           | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DG612AEQ-T1-E3</a><br>Description: IC SWITCH QUAD SPST 16TSSOP   | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DG612DY-T1</a><br>Description: IC SWITCH QUAD SPST 16-SOIC       | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DG611DY-E3</a><br>Description: IC SWITCH QUAD SPST 16-SOIC       | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">DG613AEY-T1-E3</a><br>Description: IC SWITCH QUAD SPST 16SOIC    | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">DG612AEN-T1-E4</a><br>Description: IC SWITCH QUAD SPST 16MINIQFN | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
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| Related keywords for DG612DJ-E3         |                                         |                                 |                                                |
|-----------------------------------------|-----------------------------------------|---------------------------------|------------------------------------------------|
| Electro-Films (EFI) / Vishay DG612DJ-E3 | DG612DJ-E3 distributor                  | DG612DJ-E3 supplier             | DG612DJ-E3 price                               |
| DG612DJ-E3 download datasheet           | DG612DJ-E3 datasheet                    | DG612DJ-E3 stock                | buy DG612DJ-E3                                 |
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