

DG411HSDY-E3



**Part Number:** [DG411HSDY-E3](#)

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

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

**Data sheet:**  [DG411,12,13HS](#)

**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                                                                                                                                                                                                                                                                                                                                                                                                                         | DG411HSDY-E3                              | Manufacturer                       | <a href="#">Electro-Films (EFI) / Vishay</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                         | IC SWITCH QUAD SPST 16-SOIC               | Lead Free Status / RoHS Status     | Lead free / RoHS Compliant                   |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                  | 34373 pcs                                 | Data sheet                         | <a href="#">DG411,12,13HS</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)      | 105ns, 80ns                                  |
| Switch Circuit                                                                                                                                                                                                                                                                                                                                                                                                                      | SPST - NC                                 | Supplier Device Package            | 16-SOIC                                      |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                              | -                                         | Packaging                          | Tube                                         |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                      | 16-SOIC (0.154", 3.90mm Width)            | Other Names                        | DG411HSDYE3                                  |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                               | -40°C ~ 85°C (TA)                         | On-State Resistance (Max)          | 35 Ohm                                       |
| Number of Circuits                                                                                                                                                                                                                                                                                                                                                                                                                  | 4                                         | Multiplexer/Demultiplexer Circuit  | 1:1                                          |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                    | 1 (Unlimited)                             | Manufacturer Standard Lead Time    | 11 Weeks                                     |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                      | Lead free / RoHS Compliant                | Detailed Description               | 4 Circuit IC Switch 1:1 35 Ohm 16-SOIC       |
| Current - Leakage (IS(off)) (Max)                                                                                                                                                                                                                                                                                                                                                                                                   | 250pA                                     | Crosstalk                          | -88dB @ 1MHz                                 |
| Charge Injection                                                                                                                                                                                                                                                                                                                                                                                                                    | 22pC                                      | Channel-to-Channel Matching (ΔRon) | -                                            |
| Channel Capacitance (CS(off), CD(off))                                                                                                                                                                                                                                                                                                                                                                                              | 12pF, 12pF                                | Base Part Number                   | DG411                                        |
| -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 34373 pieces of Electro-Films (EFI) / Vishay DG411HSDY-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="#">DG411LDY</a><br>Description: IC SWITCH QUAD SPST LV 16-SOIC        | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DG411FEUE+T</a><br>Description: IC SWITCH QUAD SPST 16TSSOP        | Manufacturers: <a href="#">Maxim Integrated</a>             | <div>RFQ</div> |
|  | Part#: <a href="#">DG411DYZ</a><br>Description: IC SWITCH QUAD SPST 16SOIC            | Manufacturers: <a href="#">Intersil</a>                     | <div>RFQ</div> |
|  | Part#: <a href="#">DG411LDJ</a><br>Description: IC SWITCH QUAD SPST LV 16-DIP         | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DG411HSDY-T1-E3</a><br>Description: IC SWITCH QUAD SPST 16-SOIC    | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DG411HSDY</a><br>Description: IC SWITCH QUAD SPST 16-SOIC          | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DG411HSAK-E3</a><br>Description: IC SWITCH QUAD SPST 16-DIP        | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DG411LDQ-E3</a><br>Description: IC SWITCH QUAD SPST 16TSSOP        | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DG411HSDJ-E3</a><br>Description: IC SWITCH QUAD SPST 16-DIP        | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DG411LDQ-T1-E3</a><br>Description: IC SWITCH QUAD SPST LV 16-TSSOP | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DG411FEUE+</a><br>Description: IC SWITCH QUAD SPST 16TSSOP         | Manufacturers: <a href="#">Maxim Integrated</a>             | <div>RFQ</div> |
|  | Part#: <a href="#">DG411DYZ-T</a><br>Description: IC SWITCH QUAD SPST 16SOIC          | Manufacturers: <a href="#">Intersil</a>                     | <div>RFQ</div> |
|  | Part#: <a href="#">DG411HSDN-T1-E4</a><br>Description: IC SWITCH QUAD SPST 16-QFN 4X4 | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DG411HSDJ</a><br>Description: IC SWITCH QUAD SPST 16-DIP           | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DG411LAK</a><br>Description: IC SWITCH QUAD SPST LV 16-DIP         | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DG411HSDY-T1</a><br>Description: IC SWITCH QUAD SPST 16-SOIC       | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DG411HSAK</a><br>Description: IC SWITCH QUAD SPST 16-DIP           | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DG411LDQ-T1</a><br>Description: IC SWITCH QUAD SPST LV 16-TSSOP    | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
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Related keywords for **DG411HSDY-E3**

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|                                           |                                           |                                   | DG411HSDY-E3                        |