

DG9431DY-T1



**Part Number:** [DG9431DY-T1](#)

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

**Description:** IC ANALOG SWITCH SPDT LV 8SOIC

**Data sheet:**  [DG9431](#)

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

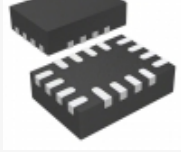
**Ship From:** Hong Kong

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

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See Product Specifications for product details.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                           |                                    |                                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|------------------------------------|----------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | DG9431DY-T1                               | Manufacturer                       | <a href="#">Electro-Films (EFI) / Vishay</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | IC ANALOG SWITCH SPDT LV 8SOIC            | Lead Free Status / RoHS Status     | Contains lead / RoHS non-compliant           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 4524 pcs                                  | Data sheet                         | <a href="#">DG9431</a>                       |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply, Single (V+)      | 2.7 V ~ 5 V                                  |
| Voltage - Supply, Dual (V±)                                                                                                                                                                                                                                                                                                                                                                                                                                                      | -                                         | Switch Time (Ton, Toff) (Max)      | 75ns, 50ns                                   |
| Switch Circuit                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | SPDT                                      | Supplier Device Package            | 8-SOIC                                       |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | -                                         | Packaging                          | Tape & Reel (TR)                             |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 8-SOIC (0.154", 3.90mm Width)             | Operating Temperature              | -40°C ~ 85°C (TA)                            |
| On-State Resistance (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 30 Ohm                                    | Number of Circuits                 | 1                                            |
| Multiplexer/Demultiplexer Circuit                                                                                                                                                                                                                                                                                                                                                                                                                                                | 2:1                                       | Moisture Sensitivity Level (MSL)   | 1 (Unlimited)                                |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Contains lead / RoHS non-compliant        | Detailed Description               | 1 Circuit IC Switch 2:1 30 Ohm 8-SOIC        |
| Current - Leakage (IS(off)) (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                | 100pA                                     | Crosstalk                          | -                                            |
| Charge Injection                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2pC                                       | Channel-to-Channel Matching (ΔRon) | 400 mOhm                                     |
| Channel Capacitance (CS(off), CD(off))                                                                                                                                                                                                                                                                                                                                                                                                                                           | 7pF                                       | -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 4524 pieces of Electro-Films (EFI) / Vishay DG9431DY-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.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                           |                                    |                                              |

| RELATED PRODUCTS                                                                   |                                                                                      |                                                             |                     |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">DG9431DY</a><br>Description: IC ANALOG SWITCH SPDT LV 8SOIC       | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DG9431DV-T1-E3</a><br>Description: IC ANALOG SWITCH SPDT LV 6TSOP | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DG9431EDY-T1-GE3</a><br>Description: IC SWITCH SPDT LV 8SOIC      | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DG9432DS-T1-E3</a><br>Description: IC SWITCH DUAL SPST SOT23-8    | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DG9426EDQ-T1-GE3</a><br>Description: IC SWITCH QUAD SPST 16-TSSOP | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DG9424EDQ-T1-GE3</a><br>Description: IC SWITCH QUAD SPST 16-TSSOP | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DG9434DQ-T1-E3</a><br>Description: IC SWITCH DUAL SPST 8MSOP      | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DG9434DS-T1-E3</a><br>Description: IC SWITCH DUAL SPST SOT23-8    | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DG9426DQ-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="#">DG9424DQ-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="#">DG9433DQ-T1-E3</a><br>Description: IC SWITCH DUAL SPST 8MSOP      | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DG9431DV-T1</a><br>Description: IC ANALOG SWITCH SPDT LV 6TSOP    | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DG9425DQ-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="#">DG9431DY-T1-E3</a><br>Description: IC ANALOG SWITCH SPDT LV 8SOIC | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DG9431EDY-GE3</a><br>Description: IC SWITCH SPDT LV 8SOIC         | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DG9451EN-T1-E4</a><br>Description: IC MUX 8CH DUAL 4CH 16QFN      | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DG9433DS-T1-E3</a><br>Description: IC SWITCH DUAL SPST SOT23-8    | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DG9431DY-E3</a><br>Description: IC ANALOG SWITCH SPDT LV 8SOIC    | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DG9432DQ-T1-E3</a><br>Description: IC SWITCH DUAL SPST 8MSOP      | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
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| Related keywords for <b>DG9431DY-T1</b>  |                                          |                                  |                                                 |
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| Electro-Films (EFI) / Vishay DG9431DY-T1 | DG9431DY-T1 distributor                  | DG9431DY-T1 supplier             | DG9431DY-T1 price                               |
| DG9431DY-T1 download datasheet           | DG9431DY-T1 datasheet                    | DG9431DY-T1 stock                | buy DG9431DY-T1                                 |
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