

DG333ALDQ-T1-E3



**Part Number:** [DG333ALDQ-T1-E3](#)

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

**Description:** IC SWITCH QUAD SPDT 20TSSOP

**Data sheet:**  [DG333A\(L\)](#)

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

**Ship From:** Hong Kong

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

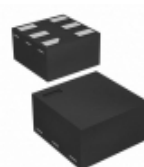
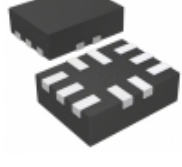
Images are for reference only.  
See Product Specifications for product details.  
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| PRODUCT PARAMETER                  |                                           |                                        |                                              |
|------------------------------------|-------------------------------------------|----------------------------------------|----------------------------------------------|
| Part Number                        | DG333ALDQ-T1-E3                           | Manufacturer                           | <a href="#">Electro-Films (EFI) / Vishay</a> |
| Description                        | IC SWITCH QUAD SPDT 20TSSOP               | Lead Free Status / RoHS Status         | Lead free / RoHS Compliant                   |
| Quantity Available                 | 27195 pcs                                 | Data sheet                             | <a href="#">DG333A(L)</a>                    |
| Category                           | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply, Single (V+)          | 5 V ~ 40 V                                   |
| Voltage - Supply, Dual (V±)        | ±4 V ~ 22 V                               | Switch Time (Ton, Toff) (Max)          | 175ns, 145ns                                 |
| Switch Circuit                     | SPDT                                      | Supplier Device Package                | 20-TSSOP                                     |
| Series                             | -                                         | Packaging                              | Tape & Reel (TR)                             |
| Package / Case                     | -                                         | Operating Temperature                  | -40°C ~ 85°C (TA)                            |
| On-State Resistance (Max)          | 45 Ohm                                    | Number of Circuits                     | 1                                            |
| Multiplexer/Demultiplexer Circuit  | 2:1                                       | Moisture Sensitivity Level (MSL)       | 1 (Unlimited)                                |
| Manufacturer Standard Lead Time    | 13 Weeks                                  | Lead Free Status / RoHS Status         | Lead free / RoHS Compliant                   |
| Detailed Description               | 1 Circuit IC Switch 2:1 45 Ohm 20-TSSOP   | Current - Leakage (IS(off)) (Max)      | 250pA                                        |
| Crosstalk                          | -80dB @ 1MHz                              | Charge Injection                       | 10pC                                         |
| Channel-to-Channel Matching (ΔRon) | 2 Ohm (Max)                               | Channel Capacitance (CS(off), CD(off)) | 8pF                                          |
| -3db Bandwidth                     | -                                         |                                        |                                              |

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| RELATED PRODUCTS                                                                   |                                                                                       |                                                             |                     |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">DG3257DN-T1-GE4</a><br>Description: IC ANALOG SWITCH 6UDFN         | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DG333ADW-E3</a><br>Description: IC SWITCH QUAD SPDT 20SOIC         | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DG3409DB-T2-E1</a><br>Description: IC MUX LV 8CH DUAL 4CH 16MICRO  | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DG333ALDW-T1-E3</a><br>Description: IC SWITCH QUAD SPDT 20SOIC     | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DG333ALDW</a><br>Description: IC SWITCH QUAD SPDT 20SOIC           | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DG3355DB-T1-E1</a><br>Description: IC SWITCH SPDT 400MOHM 10WFBGA  | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DG3157EDL-T1-GE3</a><br>Description: IC DECODER/DEMUX SC70         | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DG333ADJ</a><br>Description: IC SWITCH QUAD SPDT 20DIP             | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DG3356DB-T5-E1</a><br>Description: IC SWITCH DUAL SPDT 10MICROFOOT | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DG333ADW-T1-E3</a><br>Description: IC SWITCH QUAD SPDT 20SOIC      | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DG333ALDJ</a><br>Description: IC SWITCH QUAD SPDT 20DIP            | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DG3517DB-T5-E1</a><br>Description: IC SWITCH DUAL SPDT 10MICRO     | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DG35-YG</a><br>Description: CONN TERM BLK GROUND 10-26AWG          | Manufacturers: <a href="#">Bussmann (Eaton)</a>             | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DG3355ADB-T1-E1</a><br>Description: IC SWITCH DUAL SPDT 10MICRO    | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DG3408DB-T2-E1</a><br>Description: IC MUX LV 8CH DUAL 4CH 16MICRO  | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DG333ALDJ-E3</a><br>Description: IC SWITCH QUAD SPDT 20DIP         | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DG333ADQ-T1-E3</a><br>Description: IC SWITCH QUAD SPDT 20TSSOP     | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DG333ADJ-E3</a><br>Description: IC SWITCH QUAD SPDT 20DIP          | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DG333ADW</a><br>Description: IC SWITCH QUAD SPDT 20SOIC            | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DG333ALDW-E3</a><br>Description: IC SWITCH QUAD SPDT 20SOIC        | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |

| Related keywords for DG333ALDQ-T1-E3         |                                              |                                      |                                     |
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| DG333ALDQ-T1-E3                              |                                              |                                      |                                     |