

DG444DY-T



A Renesas Company

Part Number: [DG444DY-T](#)

Manufacturer: [Intersil](#)

Description: IC SWITCH QUAD SPST 16SOIC

Data sheet:  [DG444](#), [DG445](#)

RoHS Status: Contains lead / RoHS non-compliant

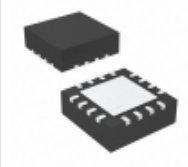
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                      |                                           |                                    |                                               |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|------------------------------------|-----------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                            | DG444DY-T                                 | Manufacturer                       | <a href="#">Intersil</a>                      |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                            | IC SWITCH QUAD SPST 16SOIC                | Lead Free Status / RoHS Status     | Contains lead / RoHS non-compliant            |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                     | 4091 pcs                                  | Data sheet                         | <a href="#">DG444</a> , <a href="#">DG445</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                               | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply, Single (V+)      | 5 V ~ 34 V                                    |
| Voltage - Supply, Dual (V±)                                                                                                                                                                                                                                                                                                                                                                                                            | ±5 V ~ 22 V                               | Switch Time (Ton, Toff) (Max)      | 250ns, 140ns                                  |
| 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                          | -100dB @ 1MHz                                 |
| Charge Injection                                                                                                                                                                                                                                                                                                                                                                                                                       | -1pC                                      | Channel-to-Channel Matching (ΔRon) | -                                             |
| Channel Capacitance (CS(off), CD(off))                                                                                                                                                                                                                                                                                                                                                                                                 | 4pF, 4pF                                  | Base Part Number                   | DG444                                         |
| -3db Bandwidth                                                                                                                                                                                                                                                                                                                                                                                                                         | -                                         |                                    |                                               |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Intersil series electronic components. We have 4091 pieces of Intersil DG444DY-T 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="#">DG444DVZ-T</a><br>Description: IC SWITCH QUAD SPST 16TSSOP   | Manufacturers: <a href="#">Intersil</a>                     | <div>RFQ</div> |
|  | Part#: <a href="#">DG445BDJ-E3</a><br>Description: IC SWITCH QUAD SPST 16DIP    | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DG445BDN-T1-E4</a><br>Description: IC SWITCH QUAD SPST 16QFN | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DG444DY-E3</a><br>Description: IC SWITCH QUAD SPST 16SOIC    | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DG445BDY-E3</a><br>Description: IC SWITCH QUAD SPST 16SOIC   | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DG444DY-T1</a><br>Description: IC SWITCH QUAD SPST 16SOIC    | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">DG444DY</a><br>Description: IC SWITCH QUAD SPST 16SOIC       | Manufacturers: <a href="#">Intersil</a>                     | <div>RFQ</div> |
|  | Part#: <a href="#">DG444DY+T</a><br>Description: IC SWITCH QUAD SPST 16SOIC     | Manufacturers: <a href="#">Maxim Integrated</a>             | <div>RFQ</div> |
|  | Part#: <a href="#">DG444DJ-E3</a><br>Description: IC SWITCH QUAD SPST 16DIP     | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DG444DJ+</a><br>Description: IC SWITCH QUAD SPST 16DIP       | Manufacturers: <a href="#">Maxim Integrated</a>             | <div>RFQ</div> |
|  | Part#: <a href="#">DG444DVZ</a><br>Description: IC SWITCH QUAD SPST 16TSSOP     | Manufacturers: <a href="#">Intersil</a>                     | <div>RFQ</div> |
|  | Part#: <a href="#">DG444DY</a><br>Description: IC SWITCH QUAD SPST 16SOIC       | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DG445BDJ</a><br>Description: IC SWITCH QUAD SPST 16DIP       | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DG445BDY-T1</a><br>Description: IC SWITCH QUAD SPST 16SOIC   | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DG444DY+</a><br>Description: IC SWITCH QUAD SPST 16SOIC      | Manufacturers: <a href="#">Maxim Integrated</a>             | <div>RFQ</div> |
|  | Part#: <a href="#">DG445BDY</a><br>Description: IC SWITCH QUAD SPST 16SOIC      | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DG444DYZ</a><br>Description: IC SWITCH QUAD SPST 16SOIC      | Manufacturers: <a href="#">Intersil</a>                     | <div>RFQ</div> |
|  | Part#: <a href="#">DG444DYZ-T</a><br>Description: IC SWITCH QUAD SPST 16SOIC    | Manufacturers: <a href="#">Intersil</a>                     | <div>RFQ</div> |
|  | Part#: <a href="#">DG444DY-T1-E3</a><br>Description: IC SWITCH QUAD SPST 16SOIC | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |

Related keywords for **DG444DY-T**

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