



Electro-Films (EFI) / Vishay



Image may be representation. See specifications for product details.

DG445BDY-T1

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | DG445BDY-T1                                                                                                          |
| Manufacturer/Brand: | Electro-Films (EFI) / Vishay                                                                                         |
| Product description | IC SWITCH QUAD SPST 16SOIC                                                                                           |
| Datasheets:         |  DG445BDY-T1.pdf                    |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Stock Condition     | 5914 pcs stock                                                                                                       |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

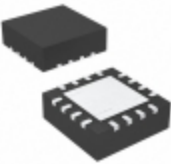
Specifications of DG445BDY-T1

|                                        |                                                                                                     |
|----------------------------------------|-----------------------------------------------------------------------------------------------------|
| PART NUMBER                            | DG445BDY-T1                                                                                         |
| MANUFACTURER                           | Electro-Films (EFI) / Vishay                                                                        |
| DESCRIPTION                            | IC SWITCH QUAD SPST 16SOIC                                                                          |
| LEAD FREE STATUS / ROHS STATUS         | Contains lead / RoHS non-compliant                                                                  |
| QUANTITY AVAILABLE                     | 5914 pcs                                                                                            |
| DATA SHEET                             |  DG445BDY-T1.pdf |
| VOLTAGE - SUPPLY, SINGLE (V+)          | 12V                                                                                                 |
| VOLTAGE - SUPPLY, DUAL (V±)            | ±15V                                                                                                |
| SWITCH TIME (TON, TOFF) (MAX)          | 300ns, 200ns                                                                                        |
| SWITCH CIRCUIT                         | SPST - NO                                                                                           |
| 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)              | 80 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 80 Ohm 16-SOIC                                                              |
| CURRENT - LEAKAGE (IS(OFF)) (MAX)      | 500pA                                                                                               |
| CROSSTALK                              | -95dB @ 100kHz                                                                                      |
| CHARGE INJECTION                       | 1pC                                                                                                 |
| CHANNEL-TO-CHANNEL MATCHING (ΔRON)     | -                                                                                                   |
| CHANNEL CAPACITANCE (CS(OFF), CD(OFF)) | 5pF, 5pF                                                                                            |
| -3DB BANDWIDTH                         | -                                                                                                   |

Related Tags

|                                                 |                                          |                                              |
|-------------------------------------------------|------------------------------------------|----------------------------------------------|
| Electro-Films (EFI) / Vishay DG445BDY-T1        | DG445BDY-T1 Distributor                  | DG445BDY-T1 Supplier                         |
| DG445BDY-T1 Price                               | DG445BDY-T1 Pictures                     | DG445BDY-T1 Image                            |
| DG445BDY-T1 PDF Datasheet                       | DG445BDY-T1 Download Datasheet           | DG445BDY-T1 Datasheet                        |
| DG445BDY-T1 Stock                               | Buy DG445BDY-T1                          | Buy Electro-Films (EFI) / Vishay DG445BDY-T1 |
| Electro-Films (EFI) / Vishay DG445BDY-T1        | Electro-Films (EFI) / Vishay Supplier    | Electro-Films (EFI) / Vishay Distributor     |
| Electro-Films (EFI) / Vishay DG445BDY-T1        | Electro-Films (EFI) / Vishay DG445BDY-T1 | Vishay Electro-Films DG445BDY-T1             |
| Phoenix Passive Components / Vishay DG445BDY-T1 |                                          |                                              |

Related Products

|                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                         |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>DG445BDY-E3</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC SWITCH QUAD SPST 16SOIC<br/>In stock: 59486 pcs</div> <div>RFQ</div>   |  <div><b>DG445BDY-T1-E3</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC SWITCH QUAD SPST 16SOIC<br/>In stock: 99048 pcs</div> <div>RFQ</div> |
|  <div><b>DG445BDJ</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC SWITCH QUAD SPST 16DIP<br/>In stock: 5863 pcs</div> <div>RFQ</div>        |  <div><b>DG445CJ+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC SWITCH QUAD SPST 16DIP<br/>In stock: 25476 pcs</div> <div>RFQ</div>                    |
|  <div><b>DG444DYZ-T</b><br/>Manufacturers: Intersil<br/>Description: IC SWITCH QUAD SPST 16SOIC<br/>In stock: 113388 pcs</div> <div>RFQ</div>                       |  <div><b>DG445CJ</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC SWITCH QUAD SPST 16DIP<br/>In stock: 4343 pcs</div> <div>RFQ</div>                      |
|  <div><b>DG445BDN-T1-E4</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC SWITCH QUAD SPST 16QFN<br/>In stock: 64401 pcs</div> <div>RFQ</div> |  <div><b>DG445BDJ-E3</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC SWITCH QUAD SPST 16DIP<br/>In stock: 72689 pcs</div> <div>RFQ</div>     |
|  <div><b>DG445CY</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC SW QUAD ANLG SPST 16SO<br/>In stock: 6412 pcs</div> <div>RFQ</div>                     |  <div><b>DG445BDY</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC SWITCH QUAD SPST 16SOIC<br/>In stock: 6113 pcs</div> <div>RFQ</div>        |
|  <div><b>DG445CY+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC ANALOG SW SPST QUAD 16SOIC<br/>In stock: 6825 pcs</div> <div>RFQ</div>                |  <div><b>DG445DJ</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC SWITCH QUAD SPST 16DIP<br/>In stock: 4546 pcs</div> <div>RFQ</div>          |