



Electro-Films (EFI) / Vishay



DG452EY-T1-E3

|                     |                                                                                                                     |
|---------------------|---------------------------------------------------------------------------------------------------------------------|
| Part Number:        | DG452EY-T1-E3                                                                                                       |
| Manufacturer/Brand: | Electro-Films (EFI) / Vishay                                                                                        |
| Product description | IC SWITCH QUAD SPST 16SOIC                                                                                          |
| Datasheets:         |  <a href="#">DG452EY-T1-E3.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant        |
| Stock Condition     | 46841 pcs stock                                                                                                     |
| Ship From           | Hong Kong                                                                                                           |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                               |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

Specifications of DG452EY-T1-E3

|                                        |                                                                                                                       |
|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                            | DG452EY-T1-E3                                                                                                         |
| MANUFACTURER                           | Electro-Films (EFI) / Vishay                                                                                          |
| DESCRIPTION                            | IC SWITCH QUAD SPST 16SOIC                                                                                            |
| LEAD FREE STATUS / ROHS STATUS         | Lead free / RoHS Compliant                                                                                            |
| QUANTITY AVAILABLE                     | 46841 pcs                                                                                                             |
| DATA SHEET                             |  <a href="#">DG452EY-T1-E3.pdf</a> |
| VOLTAGE - SUPPLY, SINGLE (V+)          | 12V                                                                                                                   |
| VOLTAGE - SUPPLY, DUAL (V±)            | ±5 V ~ 15 V                                                                                                           |
| SWITCH TIME (TON, TOFF) (MAX)          | 118ns, 97ns                                                                                                           |
| SWITCH CIRCUIT                         | SPST - NO                                                                                                             |
| SUPPLIER DEVICE PACKAGE                | 16-SOIC                                                                                                               |
| SERIES                                 | -                                                                                                                     |
| PACKAGING                              | Tape & Reel (TR)                                                                                                      |
| PACKAGE / CASE                         | 16-SOIC (0.154", 3.90mm Width)                                                                                        |
| OTHER NAMES                            | DG452EY-T1-E3TR<br>DG452EYT1E3                                                                                        |
| OPERATING TEMPERATURE                  | -40°C ~ 125°C (TA)                                                                                                    |
| ON-STATE RESISTANCE (MAX)              | 5.3 Ohm                                                                                                               |
| NUMBER OF CIRCUITS                     | 4                                                                                                                     |
| MULTIPLEXER/DEMULTIPLEXER CIRCUIT      | 1:1                                                                                                                   |
| MOISTURE SENSITIVITY LEVEL (MSL)       | 1 (Unlimited)                                                                                                         |
| LEAD FREE STATUS / ROHS STATUS         | Lead free / RoHS Compliant                                                                                            |
| DETAILED DESCRIPTION                   | 4 Circuit IC Switch 1:1 5.3 Ohm 16-SOIC                                                                               |
| CURRENT - LEAKAGE (IS(OFF)) (MAX)      | 500pA                                                                                                                 |
| CROSSTALK                              | -85dB @ 1MHz                                                                                                          |
| CHARGE INJECTION                       | 22pC                                                                                                                  |
| CHANNEL-TO-CHANNEL MATCHING (ΔRON)     | 120 mOhm                                                                                                              |
| CHANNEL CAPACITANCE (CS(OFF), CD(OFF)) | 31pf, 34pF                                                                                                            |
| BASE PART NUMBER                       | DG452                                                                                                                 |
| -3DB BANDWIDTH                         | -                                                                                                                     |

Related Tags

|                                                   |                                            |                                                |
|---------------------------------------------------|--------------------------------------------|------------------------------------------------|
| Electro-Films (EFI) / Vishay DG452EY-T1-E3        | DG452EY-T1-E3 Distributor                  | DG452EY-T1-E3 Supplier                         |
| DG452EY-T1-E3 Price                               | DG452EY-T1-E3 Pictures                     | DG452EY-T1-E3 Image                            |
| DG452EY-T1-E3 PDF Datasheet                       | DG452EY-T1-E3 Download Datasheet           | DG452EY-T1-E3 Datasheet                        |
| DG452EY-T1-E3 Stock                               | Buy DG452EY-T1-E3                          | Buy Electro-Films (EFI) / Vishay DG452EY-T1-E3 |
| Electro-Films (EFI) / Vishay DG452EY-T1-E3        | Electro-Films (EFI) / Vishay Supplier      | Electro-Films (EFI) / Vishay Distributor       |
| Electro-Films (EFI) / Vishay DG452EY-T1-E3        | Electro-Films (EFI) / Vishay DG452EY-T1-E3 | Vishay Electro-Films DG452EY-T1-E3             |
| Phoenix Passive Components / Vishay DG452EY-T1-E3 |                                            |                                                |

Related Products

|                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>DG447DV-T1-E3</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC SWITCH SPST 25 OHM 6TSOP<br/>In stock: 83229 pcs<br/><b>RFQ</b></div>  |  <div><b>DG455EQ-T1-E3</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC SWITCH QUAD SPST 16TSSOP<br/>In stock: 21663 pcs<br/><b>RFQ</b></div>   |
|  <div><b>DG453EQ-T1-E3</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC SWITCH QUAD SPST 16TSSOP<br/>In stock: 55738 pcs<br/><b>RFQ</b></div>  |  <div><b>DG451EY-T1-E3</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC SWITCH QUAD SPST 16SOIC<br/>In stock: 56218 pcs<br/><b>RFQ</b></div>    |
|  <div><b>DG454EY-T1-E3</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC SWITCH QUAD SPST 16SOIC<br/>In stock: 46922 pcs<br/><b>RFQ</b></div>   |  <div><b>DG451EQ-T1-E3</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC SWITCH QUAD SPST 16TSSOP<br/>In stock: 22848 pcs<br/><b>RFQ</b></div>   |
|  <div><b>DG454EQ-T1-E3</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC SWITCH QUAD SPST 16TSSOP<br/>In stock: 48668 pcs<br/><b>RFQ</b></div>  |  <div><b>DG449DS-T1-E3</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC SWITCH SINGLE SPDT SOT23-8<br/>In stock: 67724 pcs<br/><b>RFQ</b></div> |
|  <div><b>DG448DV-T1-E3</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC SWITCH SPST 25 OHM 6TSOP<br/>In stock: 156504 pcs<br/><b>RFQ</b></div> |  <div><b>DG452EQ-T1-E3</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC SWITCH QUAD SPST 16TSSOP<br/>In stock: 48358 pcs<br/><b>RFQ</b></div>   |
|  <div><b>DG453EY-T1-E3</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC SWITCH QUAD SPST 16SOIC<br/>In stock: 44275 pcs<br/><b>RFQ</b></div>   |  <div><b>DG455EY-T1-E3</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC SWITCH QUAD SPST 16SOIC<br/>In stock: 52382 pcs<br/><b>RFQ</b></div>    |