



Electro-Films (EFI) / Vishay



DG9454EN-T1-E4

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | DG9454EN-T1-E4                                                                                               |
| Manufacturer/Brand: | Electro-Films (EFI) / Vishay                                                                                 |
| Product description | IC MUX SPDT TRIPLE 16QFN                                                                                     |
| Datasheets:         |  DG9454EN-T1-E4.pdf         |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 6750 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

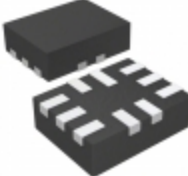
Specifications of DG9454EN-T1-E4

|                                        |                                                                                                        |
|----------------------------------------|--------------------------------------------------------------------------------------------------------|
| PART NUMBER                            | DG9454EN-T1-E4                                                                                         |
| MANUFACTURER                           | Electro-Films (EFI) / Vishay                                                                           |
| DESCRIPTION                            | IC MUX SPDT TRIPLE 16QFN                                                                               |
| LEAD FREE STATUS / ROHS STATUS         | Lead free / RoHS Compliant                                                                             |
| QUANTITY AVAILABLE                     | 6750 pcs                                                                                               |
| DATA SHEET                             |  DG9454EN-T1-E4.pdf |
| VOLTAGE - SUPPLY, SINGLE (V+)          | 2.7 V ~ 13.2 V                                                                                         |
| VOLTAGE - SUPPLY, DUAL (V±)            | -                                                                                                      |
| SWITCH TIME (TON, TOFF) (MAX)          | 180ns, 110ns                                                                                           |
| SWITCH CIRCUIT                         | SPDT                                                                                                   |
| SUPPLIER DEVICE PACKAGE                | 16-miniQFN (1.8x2.6)                                                                                   |
| SERIES                                 | -                                                                                                      |
| PACKAGING                              | Tape & Reel (TR)                                                                                       |
| PACKAGE / CASE                         | 16-WFQFN                                                                                               |
| OTHER NAMES                            | DG9454EN-T1-E4-ND<br>DG9454EN-T1-E4TR<br>DG9454ENT1E4                                                  |
| OPERATING TEMPERATURE                  | -40°C ~ 125°C (TA)                                                                                     |
| ON-STATE RESISTANCE (MAX)              | 120 Ohm                                                                                                |
| NUMBER OF CIRCUITS                     | 3                                                                                                      |
| MULTIPLEXER/DEMULTIPLEXER CIRCUIT      | 2:1                                                                                                    |
| MOISTURE SENSITIVITY LEVEL (MSL)       | 1 (Unlimited)                                                                                          |
| LEAD FREE STATUS / ROHS STATUS         | Lead free / RoHS Compliant                                                                             |
| DETAILED DESCRIPTION                   | 3 Circuit IC Switch 2:1 120 Ohm 16-miniQFN (1.8x2.6)                                                   |
| CURRENT - LEAKAGE (IS(OFF)) (MAX)      | 1nA                                                                                                    |
| CROSSTALK                              | -81dB @ 1MHz                                                                                           |
| CHARGE INJECTION                       | 0.86pC                                                                                                 |
| CHANNEL-TO-CHANNEL MATCHING (ΔRON)     | 4 Ohm                                                                                                  |
| CHANNEL CAPACITANCE (CS(OFF), CD(OFF)) | 2pF, 3pF                                                                                               |
| BASE PART NUMBER                       | DG9454                                                                                                 |
| -3DB BANDWIDTH                         | 540MHz                                                                                                 |

Related Tags

|                                                    |                                             |                                                 |
|----------------------------------------------------|---------------------------------------------|-------------------------------------------------|
| Electro-Films (EFI) / Vishay DG9454EN-T1-E4        | DG9454EN-T1-E4 Distributor                  | DG9454EN-T1-E4 Supplier                         |
| DG9454EN-T1-E4 Price                               | DG9454EN-T1-E4 Pictures                     | DG9454EN-T1-E4 Image                            |
| DG9454EN-T1-E4 PDF Datasheet                       | DG9454EN-T1-E4 Download Datasheet           | DG9454EN-T1-E4 Datasheet                        |
| DG9454EN-T1-E4 Stock                               | Buy DG9454EN-T1-E4                          | Buy Electro-Films (EFI) / Vishay DG9454EN-T1-E4 |
| Electro-Films (EFI) / Vishay DG9454EN-T1-E4        | Electro-Films (EFI) / Vishay Supplier       | Electro-Films (EFI) / Vishay Distributor        |
| Electro-Films (EFI) / Vishay DG9454EN-T1-E4        | Electro-Films (EFI) / Vishay DG9454EN-T1-E4 | Vishay Electro-Films DG9454EN-T1-E4             |
| Phoenix Passive Components / Vishay DG9454EN-T1-E4 |                                             |                                                 |

Related Products

|                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                               |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div>DG9461DY-T1<br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC SWITCH LV SPDT 8SOIC<br/>In stock: 2826 pcs<br/>RFQ</div>        |  <div>DG9461DY<br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC SWITCH LV SPDT 8SOIC<br/>In stock: 3095 pcs<br/>RFQ</div>               |
|  <div>DG9433DS-T1-E3<br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC SWITCH DUAL SPST SOT23-8<br/>In stock: 3790 pcs<br/>RFQ</div> |  <div>DG9636DN-T1-E4<br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC SWITCH DUAL SPST 10QFN<br/>In stock: 4465 pcs<br/>RFQ</div>       |
|  <div>DG9434DS-T1-E3<br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC SWITCH DUAL SPST SOT23-8<br/>In stock: 3563 pcs<br/>RFQ</div> |  <div>DG9461DY-T1-E3<br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC SWITCH LV SPDT 8SOIC<br/>In stock: 2964 pcs<br/>RFQ</div>         |
|  <div>DG9451EN-T1-E4<br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC MUX 8CH DUAL 4CH 16QFN<br/>In stock: 5202 pcs<br/>RFQ</div>   |  <div>DG9453EN-T1-E4<br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC SWITCH DUAL SPST 16QFN<br/>In stock: 6925 pcs<br/>RFQ</div>       |
|  <div>DG9461DV-T1-E3<br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC SWITCH LV SPDT 6TSOP<br/>In stock: 4858 pcs<br/>RFQ</div>     |  <div>DG9461DY-E3<br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC SWITCH LV SPDT 8SOIC<br/>In stock: 5824 pcs<br/>RFQ</div>            |
|  <div>DG9434DQ-T1-E3<br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC SWITCH DUAL SPST 8MSOP<br/>In stock: 6665 pcs<br/>RFQ</div>   |  <div>DG9454EEN-T1-GE4<br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC SWITCH/MUX SPDT 16MINIQFN<br/>In stock: 67944 pcs<br/>RFQ</div> |