



Electro-Films (EFI) / Vishay



DG442LDY-E3

|                     |                                                                                                                   |
|---------------------|-------------------------------------------------------------------------------------------------------------------|
| Part Number:        | DG442LDY-E3                                                                                                       |
| Manufacturer/Brand: | Electro-Films (EFI) / Vishay                                                                                      |
| Product description | IC SWITCH QUAD SPST 16SOIC                                                                                        |
| Datasheets:         |  <a href="#">DG442LDY-E3.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant      |
| Stock Condition     | 6149 pcs stock                                                                                                    |
| Ship From           | Hong Kong                                                                                                         |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                             |

REQUEST FOR QUOTATION

Specifications of DG442LDY-E3

|                                        |                                                                                                                     |
|----------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                            | DG442LDY-E3                                                                                                         |
| MANUFACTURER                           | Electro-Films (EFI) / Vishay                                                                                        |
| DESCRIPTION                            | IC SWITCH QUAD SPST 16SOIC                                                                                          |
| LEAD FREE STATUS / ROHS STATUS         | Lead free / RoHS Compliant                                                                                          |
| QUANTITY AVAILABLE                     | 6149 pcs                                                                                                            |
| DATA SHEET                             |  <a href="#">DG442LDY-E3.pdf</a> |
| VOLTAGE - SUPPLY, SINGLE (V+)          | 2.7 V ~ 12 V                                                                                                        |
| VOLTAGE - SUPPLY, DUAL (V±)            | ±3 V ~ 6 V                                                                                                          |
| SWITCH TIME (TON, TOFF) (MAX)          | 60ns, 35ns                                                                                                          |
| SWITCH CIRCUIT                         | SPST - NO                                                                                                           |
| SUPPLIER DEVICE PACKAGE                | 16-SOIC                                                                                                             |
| SERIES                                 | -                                                                                                                   |
| PACKAGING                              | Tube                                                                                                                |
| PACKAGE / CASE                         | 16-SOIC (0.154", 3.90mm Width)                                                                                      |
| OPERATING TEMPERATURE                  | -40°C ~ 85°C (TA)                                                                                                   |
| ON-STATE RESISTANCE (MAX)              | 30 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 30 Ohm 16-SOIC                                                                              |
| CURRENT - LEAKAGE (IS(OFF)) (MAX)      | 1nA                                                                                                                 |
| CROSSTALK                              | -95dB @ 1MHz                                                                                                        |
| CHARGE INJECTION                       | 5pC                                                                                                                 |
| CHANNEL-TO-CHANNEL MATCHING (ΔRON)     | 100 mOhm                                                                                                            |
| CHANNEL CAPACITANCE (CS(OFF), CD(OFF)) | 5pF, 6pF                                                                                                            |
| BASE PART NUMBER                       | DG442                                                                                                               |
| -3DB BANDWIDTH                         | 280MHz                                                                                                              |

Related Tags

|                                                 |                                          |                                              |
|-------------------------------------------------|------------------------------------------|----------------------------------------------|
| Electro-Films (EFI) / Vishay DG442LDY-E3        | DG442LDY-E3 Distributor                  | DG442LDY-E3 Supplier                         |
| DG442LDY-E3 Price                               | DG442LDY-E3 Pictures                     | DG442LDY-E3 Image                            |
| DG442LDY-E3 PDF Datasheet                       | DG442LDY-E3 Download Datasheet           | DG442LDY-E3 Datasheet                        |
| DG442LDY-E3 Stock                               | Buy DG442LDY-E3                          | Buy Electro-Films (EFI) / Vishay DG442LDY-E3 |
| Electro-Films (EFI) / Vishay DG442LDY-E3        | Electro-Films (EFI) / Vishay Supplier    | Electro-Films (EFI) / Vishay Distributor     |
| Electro-Films (EFI) / Vishay DG442LDY-E3        | Electro-Films (EFI) / Vishay DG442LDY-E3 | Vishay Electro-Films DG442LDY-E3             |
| Phoenix Passive Components / Vishay DG442LDY-E3 |                                          |                                              |

Related Products

|                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                 |
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|  <div><b>DG442LDJ-E3</b><br/>Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a><br/>Description: IC SWITCH SPST 30 OHM 16DIP<br/>In stock: 51199 pcs<br/><div>RFQ</div></div>    |  <div><b>DG442LDQ-T1-E3</b><br/>Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a><br/>Description: IC SWITCH QUAD SPST 16TSSOP<br/>In stock: 4024 pcs<br/><div>RFQ</div></div>     |
|  <div><b>DG442LAK</b><br/>Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a><br/>Description: IC SWITCH QUAD SPST 16CDIP<br/>In stock: 6316 pcs<br/><div>RFQ</div></div>         |  <div><b>DG442LDY-T1</b><br/>Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a><br/>Description: IC SWITCH QUAD SPST 16SOIC<br/>In stock: 6903 pcs<br/><div>RFQ</div></div>         |
|  <div><b>DG442LEDJ-GE3</b><br/>Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a><br/>Description: IC SWITCH QUAD SPST 16-DIP<br/>In stock: 64380 pcs<br/><div>RFQ</div></div>   |  <div><b>DG442LDJ</b><br/>Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a><br/>Description: IC SWITCH SPST 30 OHM 16DIP<br/>In stock: 5295 pcs<br/><div>RFQ</div></div>           |
|  <div><b>DG442LEDQ-GE3</b><br/>Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a><br/>Description: IC SWITCH QUAD SPST 16-TSSOP<br/>In stock: 66322 pcs<br/><div>RFQ</div></div> |  <div><b>DG442LDQ-E3</b><br/>Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a><br/>Description: IC SWITCH QUAD SPST 16TSSOP<br/>In stock: 6147 pcs<br/><div>RFQ</div></div>        |
|  <div><b>DG442LEDY-GE3</b><br/>Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a><br/>Description: IC SWITCH QUAD SPST 16-SOIC<br/>In stock: 121849 pcs<br/><div>RFQ</div></div> |  <div><b>DG442LDY</b><br/>Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a><br/>Description: IC SWITCH QUAD SPST 16SOIC<br/>In stock: 5583 pcs<br/><div>RFQ</div></div>            |
|  <div><b>DG442LDY-T1-E3</b><br/>Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a><br/>Description: IC SWITCH QUAD SPST 16SOIC<br/>In stock: 6461 pcs<br/><div>RFQ</div></div>   |  <div><b>DG442LEDQ-T1-GE3</b><br/>Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a><br/>Description: IC SWITCH QUAD SPST 16-TSSOP<br/>In stock: 65005 pcs<br/><div>RFQ</div></div> |