



Electro-Films (EFI) / Vishay



Image may be representation. See specifications for product details.

DG442LDJ-E3

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | DG442LDJ-E3                                                                                                  |
| Manufacturer/Brand: | Electro-Films (EFI) / Vishay                                                                                 |
| Product description | IC SWITCH SPST 30 OHM 16DIP                                                                                  |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 51199 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

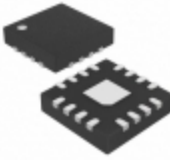
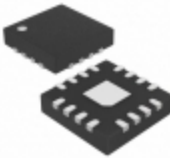
Specifications of DG442LDJ-E3

|                                        |                                       |
|----------------------------------------|---------------------------------------|
| PART NUMBER                            | DG442LDJ-E3                           |
| MANUFACTURER                           | Electro-Films (EFI) / Vishay          |
| DESCRIPTION                            | IC SWITCH SPST 30 OHM 16DIP           |
| LEAD FREE STATUS / ROHS STATUS         | Lead free / RoHS Compliant            |
| QUANTITY AVAILABLE                     | 51199 pcs                             |
| DATA SHEET                             |                                       |
| 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-DIP                                |
| SERIES                                 | -                                     |
| PACKAGING                              | Tube                                  |
| PACKAGE / CASE                         | 16-DIP (0.300", 7.62mm)               |
| 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-DIP |
| 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 DG442LDJ-E3        | DG442LDJ-E3 Distributor                  | DG442LDJ-E3 Supplier                         |
| DG442LDJ-E3 Price                               | DG442LDJ-E3 Pictures                     | DG442LDJ-E3 Image                            |
| DG442LDJ-E3 PDF Datasheet                       | DG442LDJ-E3 Download Datasheet           | DG442LDJ-E3 Datasheet                        |
| DG442LDJ-E3 Stock                               | Buy DG442LDJ-E3                          | Buy Electro-Films (EFI) / Vishay DG442LDJ-E3 |
| Electro-Films (EFI) / Vishay DG442LDJ-E3        | Electro-Films (EFI) / Vishay Supplier    | Electro-Films (EFI) / Vishay Distributor     |
| Electro-Films (EFI) / Vishay DG442LDJ-E3        | Electro-Films (EFI) / Vishay DG442LDJ-E3 | Vishay Electro-Films DG442LDJ-E3             |
| Phoenix Passive Components / Vishay DG442LDJ-E3 |                                          |                                              |

Related Products

|                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>DG442ETE+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC SWITCH QUAD SPST 16TQFN<br/>In stock: 23538 pcs<br/>RFQ</div>                  |  <div><b>DG442DYZ</b><br/>Manufacturers: Intersil<br/>Description: IC SWITCH QUAD SPST 16SOIC<br/>In stock: 47787 pcs<br/>RFQ</div>                          |
|  <div><b>DG442DYZ-T</b><br/>Manufacturers: Intersil<br/>Description: IC SWITCH QUAD SPST 16SOIC<br/>In stock: 100722 pcs<br/>RFQ</div>                        |  <div><b>DG442LDY-T1-E3</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC SWITCH QUAD SPST 16SOIC<br/>In stock: 6461 pcs<br/>RFQ</div> |
|  <div><b>DG442LDY-T1</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC SWITCH QUAD SPST 16SOIC<br/>In stock: 6903 pcs<br/>RFQ</div>     |  <div><b>DG442LAK</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC SWITCH QUAD SPST 16CDIP<br/>In stock: 6316 pcs<br/>RFQ</div>       |
|  <div><b>DG442LDY</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC SWITCH QUAD SPST 16SOIC<br/>In stock: 5583 pcs<br/>RFQ</div>        |  <div><b>DG442LDQ-E3</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC SWITCH QUAD SPST 16TSSOP<br/>In stock: 6147 pcs<br/>RFQ</div>   |
|  <div><b>DG442ETE+T</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC SWITCH QUAD SPST 16TQFN<br/>In stock: 4134 pcs<br/>RFQ</div>                  |  <div><b>DG442LDY-E3</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC SWITCH QUAD SPST 16SOIC<br/>In stock: 6149 pcs<br/>RFQ</div>    |
|  <div><b>DG442LDQ-T1-E3</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC SWITCH QUAD SPST 16TSSOP<br/>In stock: 4024 pcs<br/>RFQ</div> |  <div><b>DG442LDJ</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC SWITCH SPST 30 OHM 16DIP<br/>In stock: 5295 pcs<br/>RFQ</div>      |