



Electro-Films (EFI) / Vishay



DG412LDY

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | DG412LDY                                                                                                             |
| Manufacturer/Brand: | Electro-Films (EFI) / Vishay                                                                                         |
| Product description | IC SWITCH QUAD SPST LV 16-SOIC                                                                                       |
| Datasheets:         |  DG412LDY.pdf                       |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Stock Condition     | 6073 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 DG412LDY

|                                        |                                                                                                  |
|----------------------------------------|--------------------------------------------------------------------------------------------------|
| PART NUMBER                            | DG412LDY                                                                                         |
| MANUFACTURER                           | Electro-Films (EFI) / Vishay                                                                     |
| DESCRIPTION                            | IC SWITCH QUAD SPST LV 16-SOIC                                                                   |
| LEAD FREE STATUS / ROHS STATUS         | Contains lead / RoHS non-compliant                                                               |
| QUANTITY AVAILABLE                     | 6073 pcs                                                                                         |
| DATA SHEET                             |  DG412LDY.pdf |
| VOLTAGE - SUPPLY, SINGLE (V+)          | 2.7 V ~ 12 V                                                                                     |
| VOLTAGE - SUPPLY, DUAL (V±)            | ±3 V ~ 6 V                                                                                       |
| SWITCH TIME (TON, TOFF) (MAX)          | 19ns, 12ns                                                                                       |
| 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)              | 17 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 17 Ohm 16-SOIC                                                           |
| CURRENT - LEAKAGE (IS(OFF)) (MAX)      | 250pA                                                                                            |
| CROSSTALK                              | -95dB @ 1MHz                                                                                     |
| CHARGE INJECTION                       | 5pC                                                                                              |
| CHANNEL-TO-CHANNEL MATCHING (ΔRON)     | -                                                                                                |
| CHANNEL CAPACITANCE (CS(OFF), CD(OFF)) | 5pF, 6pF                                                                                         |
| -3DB BANDWIDTH                         | 280MHz                                                                                           |

Related Tags

|                                              |                                       |                                           |
|----------------------------------------------|---------------------------------------|-------------------------------------------|
| Electro-Films (EFI) / Vishay DG412LDY        | DG412LDY Distributor                  | DG412LDY Supplier                         |
| DG412LDY Price                               | DG412LDY Pictures                     | DG412LDY Image                            |
| DG412LDY PDF Datasheet                       | DG412LDY Download Datasheet           | DG412LDY Datasheet                        |
| DG412LDY Stock                               | Buy DG412LDY                          | Buy Electro-Films (EFI) / Vishay DG412LDY |
| Electro-Films (EFI) / Vishay DG412LDY        | Electro-Films (EFI) / Vishay Supplier | Electro-Films (EFI) / Vishay Distributor  |
| Electro-Films (EFI) / Vishay DG412LDY        | Electro-Films (EFI) / Vishay DG412LDY | Vishay Electro-Films DG412LDY             |
| Phoenix Passive Components / Vishay DG412LDY |                                       |                                           |

Related Products

|                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>DG412LDQ</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC SWITCH QUAD SPST LV 16-TSSOP<br/>In stock: 4694 pcs<br/>RFQ</div>        | <div></div> <div><b>DG412LDY-E3</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC SWITCH QUAD SPST LV 16-SOIC<br/>In stock: 4498 pcs<br/>RFQ</div>    |
| <div></div> <div><b>DG412LEDQ-T1-GE3</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC SWITCH QUAD SPST 16-TSSOP<br/>In stock: 144337 pcs<br/>RFQ</div> | <div></div> <div><b>DG412LDJ-E3</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC SWITCH QUAD SPST LV 16-DIP<br/>In stock: 6822 pcs<br/>RFQ</div>     |
| <div></div> <div><b>DG412LDY-T1</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC SWITCH QUAD SPST LV 16-SOIC<br/>In stock: 3160 pcs<br/>RFQ</div>      | <div></div> <div><b>DG412LDQ-T1</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC SWITCH QUAD SPST LV 16-TSSOP<br/>In stock: 3314 pcs<br/>RFQ</div>   |
| <div></div> <div><b>DG412LDQ-T1-E3</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC SWITCH QUAD SPST LV 16-TSSOP<br/>In stock: 2917 pcs<br/>RFQ</div>  | <div></div> <div><b>DG412LDY-T1-E3</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC SWITCH QUAD SPST LV 16-SOIC<br/>In stock: 5035 pcs<br/>RFQ</div> |
| <div></div> <div><b>DG412LEDJ-GE3</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC SWITCH QUAD SPST 16-DIP<br/>In stock: 48970 pcs<br/>RFQ</div>       | <div></div> <div><b>DG412LDJ</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC SWITCH QUAD SPST LV 16-DIP<br/>In stock: 3698 pcs<br/>RFQ</div>        |
| <div></div> <div><b>DG412LDQ-E3</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC SWITCH QUAD SPST 16TSSOP<br/>In stock: 3067 pcs<br/>RFQ</div>         | <div></div> <div><b>DG412LEDQ-GE3</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC SWITCH QUAD SPST 16-TSSOP<br/>In stock: 83692 pcs<br/>RFQ</div>   |