



Electro-Films (EFI) / Vishay



DG221BDY

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | DG221BDY                                                                                                             |
| Manufacturer/Brand: | Electro-Films (EFI) / Vishay                                                                                         |
| Product description | IC SWITCH QUAD SPST/CMOS 16SOIC                                                                                      |
| Datasheets:         |  DG221BDY.pdf                       |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Stock Condition     | 6486 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 DG221BDY

|                                        |                                                                                                  |
|----------------------------------------|--------------------------------------------------------------------------------------------------|
| PART NUMBER                            | DG221BDY                                                                                         |
| MANUFACTURER                           | Electro-Films (EFI) / Vishay                                                                     |
| DESCRIPTION                            | IC SWITCH QUAD SPST/CMOS 16SOIC                                                                  |
| LEAD FREE STATUS / ROHS STATUS         | Contains lead / RoHS non-compliant                                                               |
| QUANTITY AVAILABLE                     | 6486 pcs                                                                                         |
| DATA SHEET                             |  DG221BDY.pdf |
| VOLTAGE - SUPPLY, SINGLE (V+)          | -                                                                                                |
| VOLTAGE - SUPPLY, DUAL (V±)            | ±15V                                                                                             |
| SWITCH TIME (TON, TOFF) (MAX)          | 550ns, 340ns                                                                                     |
| SWITCH CIRCUIT                         | SPST - NC                                                                                        |
| SUPPLIER DEVICE PACKAGE                | 16-SOIC                                                                                          |
| SERIES                                 | -                                                                                                |
| PACKAGING                              | Bulk                                                                                             |
| PACKAGE / CASE                         | 16-SOIC (0.154", 3.90mm Width)                                                                   |
| OPERATING TEMPERATURE                  | -40°C ~ 85°C (TA)                                                                                |
| ON-STATE RESISTANCE (MAX)              | 90 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 90 Ohm 16-SOIC                                                           |
| CURRENT - LEAKAGE (IS(OFF)) (MAX)      | 5nA                                                                                              |
| CROSSTALK                              | -90dB @ 100kHz                                                                                   |
| CHARGE INJECTION                       | 20pC                                                                                             |
| CHANNEL-TO-CHANNEL MATCHING (ΔRON)     | -                                                                                                |
| CHANNEL CAPACITANCE (CS(OFF), CD(OFF)) | 8pF, 9pF                                                                                         |
| -3DB BANDWIDTH                         | -                                                                                                |

Related Tags

|                                              |                                       |                                           |
|----------------------------------------------|---------------------------------------|-------------------------------------------|
| Electro-Films (EFI) / Vishay DG221BDY        | DG221BDY Distributor                  | DG221BDY Supplier                         |
| DG221BDY Price                               | DG221BDY Pictures                     | DG221BDY Image                            |
| DG221BDY PDF Datasheet                       | DG221BDY Download Datasheet           | DG221BDY Datasheet                        |
| DG221BDY Stock                               | Buy DG221BDY                          | Buy Electro-Films (EFI) / Vishay DG221BDY |
| Electro-Films (EFI) / Vishay DG221BDY        | Electro-Films (EFI) / Vishay Supplier | Electro-Films (EFI) / Vishay Distributor  |
| Electro-Films (EFI) / Vishay DG221BDY        | Electro-Films (EFI) / Vishay DG221BDY | Vishay Electro-Films DG221BDY             |
| Phoenix Passive Components / Vishay DG221BDY |                                       |                                           |

Related Products

|                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                             |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>DG213DY</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC SWITCH QUAD CMOS 16SOIC<br/>In stock: 5059 pcs<br/><div>RFQ</div></div>              | <div></div> <div><b>DG221BDJ-E3</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC SWITCH QUAD SPST/CMOS 16DIP<br/>In stock: 36187 pcs<br/><div>RFQ</div></div>     |
| <div></div> <div><b>DG23-B1RA</b><br/>Manufacturers: Cherry Switches (ZF Electronics)<br/>Description: SWITCH SNAP ACTION SPDT 50MA 30V<br/>In stock: 17645 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>DG213DY-E3</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC SWITCH QUAD CMOS 16SOIC<br/>In stock: 79895 pcs<br/><div>RFQ</div></div>          |
| <div></div> <div><b>DG221BDJ</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC SWITCH QUAD SPST/CMOS 16DIP<br/>In stock: 4429 pcs<br/><div>RFQ</div></div>         | <div></div> <div><b>DG213DY-T1</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC SWITCH QUAD CMOS 16SOIC<br/>In stock: 4692 pcs<br/><div>RFQ</div></div>           |
| <div></div> <div><b>DG213DY-T1-E3</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC SWITCH QUAD SPST 16SOIC<br/>In stock: 82247 pcs<br/><div>RFQ</div></div>       | <div></div> <div><b>DG221BDY-T1-E3</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC SWITCH QUAD SPST/CMOS 16SOIC<br/>In stock: 42984 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>DG221BDY-E3</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC SWITCH QUAD SPST/CMOS 16SOIC<br/>In stock: 39208 pcs<br/><div>RFQ</div></div>    | <div></div> <div><b>DG23-B2LA</b><br/>Manufacturers: Cherry Switches (ZF Electronics)<br/>Description: SWITCH SNAP ACTION SPDT 50MA 30V<br/>In stock: 43566 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>DG221BDY-T1</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC SWITCH QUAD SPST/CMOS 16SOIC<br/>In stock: 5419 pcs<br/><div>RFQ</div></div>     | <div></div> <div><b>DG23-B1LA</b><br/>Manufacturers: Cherry Switches (ZF Electronics)<br/>Description: SWITCH SNAP ACTION SPDT 50MA 30V<br/>In stock: 34206 pcs<br/><div>RFQ</div></div> |