



Electro-Films (EFI) / Vishay



DG418LDY

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | DG418LDY                                                                                                             |
| Manufacturer/Brand: | Electro-Films (EFI) / Vishay                                                                                         |
| Product description | IC ANALOG SWITCH CMOS 8SOIC                                                                                          |
| Datasheets:         |  DG418LDY.pdf                       |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Stock Condition     | 7029 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 DG418LDY

|                                        |                                                                                                  |
|----------------------------------------|--------------------------------------------------------------------------------------------------|
| PART NUMBER                            | DG418LDY                                                                                         |
| MANUFACTURER                           | Electro-Films (EFI) / Vishay                                                                     |
| DESCRIPTION                            | IC ANALOG SWITCH CMOS 8SOIC                                                                      |
| LEAD FREE STATUS / ROHS STATUS         | Contains lead / RoHS non-compliant                                                               |
| QUANTITY AVAILABLE                     | 7029 pcs                                                                                         |
| DATA SHEET                             |  DG418LDY.pdf |
| VOLTAGE - SUPPLY, SINGLE (V+)          | 2.7 V ~ 12 V                                                                                     |
| VOLTAGE - SUPPLY, DUAL (V±)            | ±3 V ~ 6 V                                                                                       |
| SWITCH TIME (TON, TOFF) (MAX)          | 43ns, 31ns                                                                                       |
| SWITCH CIRCUIT                         | SPST - NO                                                                                        |
| SUPPLIER DEVICE PACKAGE                | 8-SOIC                                                                                           |
| SERIES                                 | -                                                                                                |
| PACKAGING                              | Tube                                                                                             |
| PACKAGE / CASE                         | 8-SOIC (0.154", 3.90mm Width)                                                                    |
| OPERATING TEMPERATURE                  | -40°C ~ 85°C (TA)                                                                                |
| ON-STATE RESISTANCE (MAX)              | 20 Ohm                                                                                           |
| NUMBER OF CIRCUITS                     | 1                                                                                                |
| MULTIPLEXER/DEMULTIPLEXER CIRCUIT      | 1:1                                                                                              |
| MOISTURE SENSITIVITY LEVEL (MSL)       | 1 (Unlimited)                                                                                    |
| LEAD FREE STATUS / ROHS STATUS         | Contains lead / RoHS non-compliant                                                               |
| DETAILED DESCRIPTION                   | 1 Circuit IC Switch 1:1 20 Ohm 8-SOIC                                                            |
| CURRENT - LEAKAGE (IS(OFF)) (MAX)      | 1nA                                                                                              |
| CROSSTALK                              | -71dB @ 1MHz                                                                                     |
| CHARGE INJECTION                       | 1pC                                                                                              |
| CHANNEL-TO-CHANNEL MATCHING (ΔRON)     | -                                                                                                |
| CHANNEL CAPACITANCE (CS(OFF), CD(OFF)) | 5pF                                                                                              |
| -3DB BANDWIDTH                         | -                                                                                                |

Related Tags

|                                              |                                       |                                           |
|----------------------------------------------|---------------------------------------|-------------------------------------------|
| Electro-Films (EFI) / Vishay DG418LDY        | DG418LDY Distributor                  | DG418LDY Supplier                         |
| DG418LDY Price                               | DG418LDY Pictures                     | DG418LDY Image                            |
| DG418LDY PDF Datasheet                       | DG418LDY Download Datasheet           | DG418LDY Datasheet                        |
| DG418LDY Stock                               | Buy DG418LDY                          | Buy Electro-Films (EFI) / Vishay DG418LDY |
| Electro-Films (EFI) / Vishay DG418LDY        | Electro-Films (EFI) / Vishay Supplier | Electro-Films (EFI) / Vishay Distributor  |
| Electro-Films (EFI) / Vishay DG418LDY        | Electro-Films (EFI) / Vishay DG418LDY | Vishay Electro-Films DG418LDY             |
| Phoenix Passive Components / Vishay DG418LDY |                                       |                                           |

Related Products

|                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                             |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>DG418LDY-T1</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC ANALOG SWITCH CMOS 8SOIC<br/>In stock: 5959 pcs<br/>RFQ</div>    | <div></div> <div><b>DG418LDY+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC SWITCH SPST 8SOIC<br/>In stock: 21617 pcs<br/>RFQ</div>                        |
| <div></div> <div><b>DG418LEDQ-T1-GE3</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC ANALOG SWITCH 8MSOP<br/>In stock: 65029 pcs<br/>RFQ</div>   | <div></div> <div><b>DG418LDY-E3</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC ANALOG SWITCH CMOS 8SOIC<br/>In stock: 5762 pcs<br/>RFQ</div>    |
| <div></div> <div><b>DG418DY-T1</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC ANALOG SWITCH CMOS 8SOIC<br/>In stock: 3085 pcs<br/>RFQ</div>     | <div></div> <div><b>DG418LAK</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC ANALOG SWITCH CMOS 8DIP<br/>In stock: 6188 pcs<br/>RFQ</div>        |
| <div></div> <div><b>DG418DY-T1-E3</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC ANALOG SWITCH CMOS 8SOIC<br/>In stock: 39664 pcs<br/>RFQ</div> | <div></div> <div><b>DG418DY-E3</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC ANALOG SWITCH CMOS 8SOIC<br/>In stock: 57294 pcs<br/>RFQ</div>    |
| <div></div> <div><b>DG418LDJ+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC SWITCH SPST 8DIP<br/>In stock: 20907 pcs<br/>RFQ</div>                         | <div></div> <div><b>DG418LDY+T</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC SWITCH SPST 8SOIC<br/>In stock: 4068 pcs<br/>RFQ</div>                        |
| <div></div> <div><b>DG418LDY-T1-E3</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC ANALOG SWITCH CMOS 8SOIC<br/>In stock: 6038 pcs<br/>RFQ</div> | <div></div> <div><b>DG418LDQ-T1-E3</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC ANALOG SWITCH CMOS 8MSOP<br/>In stock: 5800 pcs<br/>RFQ</div> |