



Electro-Films (EFI) / Vishay



Image may be representation. See specifications for product details.

DG418BDY-E3

|                     |                                                                                                                   |
|---------------------|-------------------------------------------------------------------------------------------------------------------|
| Part Number:        | DG418BDY-E3                                                                                                       |
| Manufacturer/Brand: | Electro-Films (EFI) / Vishay                                                                                      |
| Product description | IC ANALOG SWITCH SPST 8SOIC                                                                                       |
| Datasheets:         |  <a href="#">DG418BDY-E3.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant      |
| Stock Condition     | 60196 pcs stock                                                                                                   |
| Ship From           | Hong Kong                                                                                                         |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                             |

REQUEST FOR QUOTATION

Specifications of DG418BDY-E3

|                                        |                                                                                                                     |
|----------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                            | DG418BDY-E3                                                                                                         |
| MANUFACTURER                           | Electro-Films (EFI) / Vishay                                                                                        |
| DESCRIPTION                            | IC ANALOG SWITCH SPST 8SOIC                                                                                         |
| LEAD FREE STATUS / ROHS STATUS         | Lead free / RoHS Compliant                                                                                          |
| QUANTITY AVAILABLE                     | 60196 pcs                                                                                                           |
| DATA SHEET                             |  <a href="#">DG418BDY-E3.pdf</a> |
| VOLTAGE - SUPPLY, SINGLE (V+)          | 12V                                                                                                                 |
| VOLTAGE - SUPPLY, DUAL (V±)            | ±15V                                                                                                                |
| SWITCH TIME (TON, TOFF) (MAX)          | 89ns, 80ns                                                                                                          |
| 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)              | 25 Ohm                                                                                                              |
| NUMBER OF CIRCUITS                     | 1                                                                                                                   |
| MULTIPLEXER/DEMULTIPLEXER CIRCUIT      | 1:1                                                                                                                 |
| MOISTURE SENSITIVITY LEVEL (MSL)       | 1 (Unlimited)                                                                                                       |
| LEAD FREE STATUS / ROHS STATUS         | Lead free / RoHS Compliant                                                                                          |
| DETAILED DESCRIPTION                   | 1 Circuit IC Switch 1:1 25 Ohm 8-SOIC                                                                               |
| CURRENT - LEAKAGE (IS(OFF)) (MAX)      | 250pA                                                                                                               |
| CROSSTALK                              | -                                                                                                                   |
| CHARGE INJECTION                       | 38pC                                                                                                                |
| CHANNEL-TO-CHANNEL MATCHING (ΔRON)     | -                                                                                                                   |
| CHANNEL CAPACITANCE (CS(OFF), CD(OFF)) | 12pF, 12pF                                                                                                          |
| BASE PART NUMBER                       | DG418                                                                                                               |
| -3DB BANDWIDTH                         | -                                                                                                                   |

Related Tags

|                                                 |                                          |                                              |
|-------------------------------------------------|------------------------------------------|----------------------------------------------|
| Electro-Films (EFI) / Vishay DG418BDY-E3        | DG418BDY-E3 Distributor                  | DG418BDY-E3 Supplier                         |
| DG418BDY-E3 Price                               | DG418BDY-E3 Pictures                     | DG418BDY-E3 Image                            |
| DG418BDY-E3 PDF Datasheet                       | DG418BDY-E3 Download Datasheet           | DG418BDY-E3 Datasheet                        |
| DG418BDY-E3 Stock                               | Buy DG418BDY-E3                          | Buy Electro-Films (EFI) / Vishay DG418BDY-E3 |
| Electro-Films (EFI) / Vishay DG418BDY-E3        | Electro-Films (EFI) / Vishay Supplier    | Electro-Films (EFI) / Vishay Distributor     |
| Electro-Films (EFI) / Vishay DG418BDY-E3        | Electro-Films (EFI) / Vishay DG418BDY-E3 | Vishay Electro-Films DG418BDY-E3             |
| Phoenix Passive Components / Vishay DG418BDY-E3 |                                          |                                              |

Related Products

|                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                              |
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|  <div><b>DG418BDY</b><br/>Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a><br/>Description: IC ANALOG SWITCH SPST 8SOIC<br/>In stock: 4226 pcs<br/><div>RFQ</div></div>        |  <div><b>DG418BAK</b><br/>Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a><br/>Description: IC ANALOG SWITCH CMOS 8DIP<br/>In stock: 5522 pcs<br/><div>RFQ</div></div>         |
|  <div><b>DG418BAK-E3</b><br/>Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a><br/>Description: IC ANALOG SWITCH CMOS 8DIP<br/>In stock: 5472 pcs<br/><div>RFQ</div></div>      |  <div><b>DG418BDY-T1-E3</b><br/>Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a><br/>Description: IC ANALOG SWITCH SPST 8SOIC<br/>In stock: 67552 pcs<br/><div>RFQ</div></div> |
|  <div><b>DG418BDJ-E3</b><br/>Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a><br/>Description: IC ANALOG SWITCH SPST 8DIP<br/>In stock: 60576 pcs<br/><div>RFQ</div></div>     |  <div><b>DG418BDY-T1</b><br/>Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a><br/>Description: IC ANALOG SWITCH SPST 8SOIC<br/>In stock: 4009 pcs<br/><div>RFQ</div></div>     |
|  <div><b>DG418BDJ</b><br/>Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a><br/>Description: IC ANALOG SWITCH SPST 8DIP<br/>In stock: 4190 pcs<br/><div>RFQ</div></div>         |  <div><b>DG418CJ+</b><br/>Manufacturers: <a href="#">Maxim Integrated</a><br/>Description: IC SWITCH SPST 8DIP<br/>In stock: 4947 pcs<br/><div>RFQ</div></div>                            |
|  <div><b>DG418BDQ-T1-E3</b><br/>Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a><br/>Description: IC ANALOG SWITCH SPST 8MSOP<br/>In stock: 67995 pcs<br/><div>RFQ</div></div> |  <div><b>DG418CY+</b><br/>Manufacturers: <a href="#">Maxim Integrated</a><br/>Description: IC SWITCH SPST 8SOIC<br/>In stock: 22747 pcs<br/><div>RFQ</div></div>                          |
|  <div><b>DG418CY</b><br/>Manufacturers: <a href="#">Maxim Integrated</a><br/>Description: IC SWITCH SPST 8SOIC<br/>In stock: 5407 pcs<br/><div>RFQ</div></div>                            |  <div><b>DG418CJ</b><br/>Manufacturers: <a href="#">Maxim Integrated</a><br/>Description: IC SWITCH SPST 8DIP<br/>In stock: 5892 pcs<br/><div>RFQ</div></div>                             |