



Electro-Films (EFI) / Vishay



DG442DY

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | DG442DY                                                                                                              |
| Manufacturer/Brand: | Electro-Films (EFI) / Vishay                                                                                         |
| Product description | IC SWITCH QUAD SPST 16SOIC                                                                                           |
| Datasheets:         |  DG442DY.pdf                        |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Stock Condition     | 6686 pcs stock                                                                                                       |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

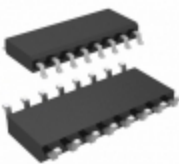
Specifications of DG442DY

|                                        |                                                                                                 |
|----------------------------------------|-------------------------------------------------------------------------------------------------|
| PART NUMBER                            | DG442DY                                                                                         |
| MANUFACTURER                           | Electro-Films (EFI) / Vishay                                                                    |
| DESCRIPTION                            | IC SWITCH QUAD SPST 16SOIC                                                                      |
| LEAD FREE STATUS / ROHS STATUS         | Contains lead / RoHS non-compliant                                                              |
| QUANTITY AVAILABLE                     | 6686 pcs                                                                                        |
| DATA SHEET                             |  DG442DY.pdf |
| VOLTAGE - SUPPLY, SINGLE (V+)          | 12V                                                                                             |
| VOLTAGE - SUPPLY, DUAL (V±)            | ±15V                                                                                            |
| SWITCH TIME (TON, TOFF) (MAX)          | 250ns, 210ns                                                                                    |
| SWITCH CIRCUIT                         | SPST - NO                                                                                       |
| SUPPLIER DEVICE PACKAGE                | 16-SOIC                                                                                         |
| SERIES                                 | -                                                                                               |
| PACKAGING                              | Tube                                                                                            |
| PACKAGE / CASE                         | 16-SOIC (0.154", 3.90mm Width)                                                                  |
| OTHER NAMES                            | DG442DYVSI                                                                                      |
| OPERATING TEMPERATURE                  | -40°C ~ 85°C (TA)                                                                               |
| ON-STATE RESISTANCE (MAX)              | 85 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 85 Ohm 16-SOIC                                                          |
| CURRENT - LEAKAGE (IS(OFF)) (MAX)      | 500pA                                                                                           |
| CROSSTALK                              | -100dB @ 1MHz                                                                                   |
| CHARGE INJECTION                       | -1pC                                                                                            |
| CHANNEL-TO-CHANNEL MATCHING (ΔRON)     | 4 Ohm (Max)                                                                                     |
| CHANNEL CAPACITANCE (CS(OFF), CD(OFF)) | 4pF, 4pF                                                                                        |
| -3DB BANDWIDTH                         | -                                                                                               |

Related Tags

|                                             |                                       |                                          |
|---------------------------------------------|---------------------------------------|------------------------------------------|
| Electro-Films (EFI) / Vishay DG442DY        | DG442DY Distributor                   | DG442DY Supplier                         |
| DG442DY Price                               | DG442DY Pictures                      | DG442DY Image                            |
| DG442DY PDF Datasheet                       | DG442DY Download Datasheet            | DG442DY Datasheet                        |
| DG442DY Stock                               | Buy DG442DY                           | Buy Electro-Films (EFI) / Vishay DG442DY |
| Electro-Films (EFI) / Vishay DG442DY        | Electro-Films (EFI) / Vishay Supplier | Electro-Films (EFI) / Vishay Distributor |
| Electro-Films (EFI) / Vishay DG442DY        | Electro-Films (EFI) / Vishay DG442DY  | Vishay Electro-Films DG442DY             |
| Phoenix Passive Components / Vishay DG442DY |                                       |                                          |

Related Products

|                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>DG442DY</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC SWITCH QUAD SPST 16SOIC<br/>In stock: 6260 pcs<br/><b>RFQ</b></div>                |  <div><b>DG442DY+T</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC SWITCH QUAD SPST 16SOIC<br/>In stock: 24354 pcs<br/><b>RFQ</b></div>              |
|  <div><b>DG442DVZ-T</b><br/>Manufacturers: Intersil<br/>Description: IC SWITCH QUAD SPST 16TSSOP<br/>In stock: 90726 pcs<br/><b>RFQ</b></div>                   |  <div><b>DG442DJZ</b><br/>Manufacturers: Intersil<br/>Description: IC SWITCH QUAD SPST 16DIP<br/>In stock: 35971 pcs<br/><b>RFQ</b></div>                        |
|  <div><b>DG442DJ-E3</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC SWITCH QUAD SPST 16DIP<br/>In stock: 32820 pcs<br/><b>RFQ</b></div> |  <div><b>DG442DY-T1</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC SWITCH QUAD SPST 16SOIC<br/>In stock: 4625 pcs<br/><b>RFQ</b></div>  |
|  <div><b>DG442DY+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC SWITCH QUAD SPST 16SOIC<br/>In stock: 19253 pcs<br/><b>RFQ</b></div>              |  <div><b>DG442DK</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC ANLG SWITCH SPST QUAD CDIP<br/>In stock: 5867 pcs<br/><b>RFQ</b></div>              |
|  <div><b>DG442DY</b><br/>Manufacturers: Intersil<br/>Description: IC SWITCH QUAD SPST 16SOIC<br/>In stock: 5651 pcs<br/><b>RFQ</b></div>                        |  <div><b>DG442DY-E3</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC SWITCH QUAD SPST 16SOIC<br/>In stock: 52127 pcs<br/><b>RFQ</b></div> |
|  <div><b>DG442DVZ</b><br/>Manufacturers: Intersil<br/>Description: IC SWITCH QUAD SPST 16TSSOP<br/>In stock: 45737 pcs<br/><b>RFQ</b></div>                     |  <div><b>DG442DY-T</b><br/>Manufacturers: Intersil<br/>Description: IC SWITCH QUAD SPST 16SOIC<br/>In stock: 4935 pcs<br/><b>RFQ</b></div>                       |