



Intersil



Image may be representation. See specifications for product details.

DG445DYZ

|                     |                                                                                                                |
|---------------------|----------------------------------------------------------------------------------------------------------------|
| Part Number:        | DG445DYZ                                                                                                       |
| Manufacturer/Brand: | Intersil                                                                                                       |
| Product description | IC SWITCH QUAD SPST 16SOIC                                                                                     |
| Datasheets:         |  <a href="#">DG445DYZ.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant   |
| Stock Condition     | 58336 pcs stock                                                                                                |
| Ship From           | Hong Kong                                                                                                      |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                          |

REQUEST FOR QUOTATION

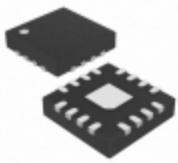
Specifications of DG445DYZ

|                                        |                                                                                                                  |
|----------------------------------------|------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                            | DG445DYZ                                                                                                         |
| MANUFACTURER                           | Intersil                                                                                                         |
| DESCRIPTION                            | IC SWITCH QUAD SPST 16SOIC                                                                                       |
| LEAD FREE STATUS / ROHS STATUS         | Lead free / RoHS Compliant                                                                                       |
| QUANTITY AVAILABLE                     | 58336 pcs                                                                                                        |
| DATA SHEET                             |  <a href="#">DG445DYZ.pdf</a> |
| VOLTAGE - SUPPLY, SINGLE (V+)          | 5 V ~ 34 V                                                                                                       |
| VOLTAGE - SUPPLY, DUAL (V±)            | ±5 V ~ 22 V                                                                                                      |
| 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)                                                                                   |
| 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)       | 3 (168 Hours)                                                                                                    |
| LEAD FREE STATUS / ROHS STATUS         | Lead free / RoHS 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)     | -                                                                                                                |
| CHANNEL CAPACITANCE (CS(OFF), CD(OFF)) | 4pF, 4pF                                                                                                         |
| BASE PART NUMBER                       | DG445                                                                                                            |
| -3DB BANDWIDTH                         | -                                                                                                                |

Related Tags

|                        |                             |                       |
|------------------------|-----------------------------|-----------------------|
| Intersil DG445DYZ      | DG445DYZ Distributor        | DG445DYZ Supplier     |
| DG445DYZ Price         | DG445DYZ Pictures           | DG445DYZ Image        |
| DG445DYZ PDF Datasheet | DG445DYZ Download Datasheet | DG445DYZ Datasheet    |
| DG445DYZ Stock         | Buy DG445DYZ                | Buy Intersil DG445DYZ |
| Intersil DG445DYZ      | Intersil Supplier           | Intersil Distributor  |
| Intersil DG445DYZ      |                             |                       |

Related Products

|                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                          |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>DG445DY-T</b><br/>Manufacturers: Intersil<br/>Description: IC SWITCH QUAD SPST 16SOIC<br/>In stock: 3421 pcs<br/><div>RFQ</div></div>                           | <div></div> <div><b>DG445DY-T1</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC SWITCH QUAD SPST 16SOIC<br/>In stock: 5159 pcs<br/><div>RFQ</div></div>        |
| <div></div> <div><b>DG445DY+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC SWITCH QUAD SPST 16SOIC<br/>In stock: 22808 pcs<br/><div>RFQ</div></div>                   | <div></div> <div><b>DG451EQ-T1-E3</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC SWITCH QUAD SPST 16TSSOP<br/>In stock: 22848 pcs<br/><div>RFQ</div></div>   |
| <div></div> <div><b>DG445DY-E3</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC SWITCH QUAD SPST 16SOIC<br/>In stock: 52258 pcs<br/><div>RFQ</div></div>     | <div></div> <div><b>DG448DV-T1-E3</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC SWITCH SPST 25 OHM 6TSOP<br/>In stock: 156504 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>DG445DY-T1-E3</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC SWITCH QUAD SPST 16SOIC<br/>In stock: 125088 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>DG445ETE+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC SWITCH QUAD SPST 16TQFN<br/>In stock: 3993 pcs<br/><div>RFQ</div></div>                     |
| <div></div> <div><b>DG447DV-T1-E3</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC SWITCH SPST 25 OHM 6TSOP<br/>In stock: 83229 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>DG445DYZ-T</b><br/>Manufacturers: Intersil<br/>Description: IC SWITCH QUAD SPST 16SOIC<br/>In stock: 115552 pcs<br/><div>RFQ</div></div>                          |
| <div></div> <div><b>DG445DY+T</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC SWITCH QUAD SPST 16SOIC<br/>In stock: 43150 pcs<br/><div>RFQ</div></div>                  | <div></div> <div><b>DG449DS-T1-E3</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC SWITCH SINGLE SPDT SOT23-8<br/>In stock: 67724 pcs<br/><div>RFQ</div></div> |