



DG442CY+T

|                     |                                   |
|---------------------|-----------------------------------|
| Part Number:        | DG442CY+T                         |
| Manufacturer/Brand: | Maxim Integrated                  |
| Product description | IC SWITCH QUAD SPST 16SOIC        |
| Datasheets:         | <a href="#">PDF DG442CY+T.pdf</a> |
| RoHs Status         | Lead free / RoHS Compliant        |
| Ship From           | Hong Kong                         |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS             |

REQUEST FOR QUOTATION

Specifications of DG442CY+T

|                                        |                                      |
|----------------------------------------|--------------------------------------|
| PART NUMBER                            | DG442CY+T                            |
| MANUFACTURER                           | Maxim Integrated                     |
| DESCRIPTION                            | IC SWITCH QUAD SPST 16SOIC           |
| LEAD FREE STATUS / ROHS STATUS         | Lead free / RoHS Compliant           |
| DATA SHEET                             | <a href="#">PDF DG442CY+T.pdf</a>    |
| VOLTAGE - SUPPLY, SINGLE (V+)          | 10 V ~ 30 V                          |
| VOLTAGE - SUPPLY, DUAL (V±)            | ±4.5 V ~ 20 V                        |
| SWITCH TIME (TON, TOFF) (MAX)          | 250ns, 170ns                         |
| SWITCH CIRCUIT                         | SPST - NO                            |
| SUPPLIER DEVICE PACKAGE                | 16-SO                                |
| SERIES                                 | -                                    |
| PACKAGING                              | Tape & Reel (TR)                     |
| PACKAGE / CASE                         | 16-SOIC (0.154", 3.90mm Width)       |
| OPERATING TEMPERATURE                  | 0°C ~ 70°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         | Lead free / RoHS Compliant           |
| DETAILED DESCRIPTION                   | 4 Circuit IC Switch 1:1 85 Ohm 16-SO |
| CURRENT - LEAKAGE (IS(OFF)) (MAX)      | 500pA                                |
| CROSSTALK                              | -100dB @ 1MHz                        |
| CHARGE INJECTION                       | 5pC                                  |
| CHANNEL-TO-CHANNEL MATCHING (ΔRON)     | 4 Ohm (Max)                          |
| CHANNEL CAPACITANCE (CS(OFF), CD(OFF)) | 4pF, 4pF                             |
| BASE PART NUMBER                       | DG442                                |
| -3DB BANDWIDTH                         | -                                    |

Related Tags

|                            |                              |                                |
|----------------------------|------------------------------|--------------------------------|
| Maxim Integrated DG442CY+T | DG442CY+T Distributor        | DG442CY+T Supplier             |
| DG442CY+T Price            | DG442CY+T Pictures           | DG442CY+T Image                |
| DG442CY+T PDF Datasheet    | DG442CY+T Download Datasheet | DG442CY+T Datasheet            |
| DG442CY+T Stock            | Buy DG442CY+T                | Buy Maxim Integrated DG442CY+T |
| Maxim Integrated DG442CY+T | Maxim Integrated Supplier    | Maxim Integrated Distributor   |
| Maxim Integrated DG442CY+T |                              |                                |

Related Products

|                                                                                                                                                                          |                                                                                                                                                                   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>DG442CJ+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC SWITCH QUAD SPST 16DIP<br/>In stock: 181 pcs<br/><a href="#">RFQ</a></p>                      | <p><b>DG442DJZ</b><br/>Manufacturers: Intersil<br/>Description: IC SWITCH QUAD SPST 16DIP<br/>In stock: 510 pcs<br/><a href="#">RFQ</a></p>                       |
| <p><b>DG442CY</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC SWITCH QUAD SPST 16SOIC<br/>In stock: Out stock<br/><a href="#">RFQ</a></p>                    | <p><b>DG442DJ</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC SWITCH QUAD SPST 16DIP<br/>In stock: Out stock<br/><a href="#">RFQ</a></p>              |
| <p><b>DG442DJ</b><br/>Manufacturers: Intersil<br/>Description: IC SWITCH QUAD SPST 16DIP<br/>In stock: Out stock<br/><a href="#">RFQ</a></p>                             | <p><b>DG442CJ</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC SWITCH QUAD SPST 16DIP<br/>In stock: Out stock<br/><a href="#">RFQ</a></p>              |
| <p><b>DG442BDY-T1-E3</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC SWITCH QUAD SPST 16SOIC<br/>In stock: Out stock<br/><a href="#">RFQ</a></p> | <p><b>DG442DJ-E3</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC SWITCH QUAD SPST 16DIP<br/>In stock: 127 pcs<br/><a href="#">RFQ</a></p> |
| <p><b>DG442DJ+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC SWITCH QUAD SPST 16DIP<br/>In stock: 32 pcs<br/><a href="#">RFQ</a></p>                       | <p><b>DG442CY+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC SWITCH QUAD SPST 16SOIC<br/>In stock: 90 pcs<br/><a href="#">RFQ</a></p>               |
| <p><b>DG442BDY-T1</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC SWITCH QUAD SPST 16SOIC<br/>In stock: Out stock<br/><a href="#">RFQ</a></p>    | <p><b>DG442DJ</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC SWITCH QUAD SPST 16DIP<br/>In stock: Out stock<br/><a href="#">RFQ</a></p>  |