



DG412CY+T

|                     |                                                                                                                 |
|---------------------|-----------------------------------------------------------------------------------------------------------------|
| Part Number:        | DG412CY+T                                                                                                       |
| Manufacturer/Brand: | Maxim Integrated                                                                                                |
| Product description | IC SWITCH QUAD SPST 16SOIC                                                                                      |
| Datasheets:         |  <a href="#">DG412CY+T.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant    |
| Stock Condition     | 29294 pcs stock                                                                                                 |
| Ship From           | Hong Kong                                                                                                       |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                           |

REQUEST FOR QUOTATION

Specifications of DG412CY+T

|                                        |                                                                                                                   |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                            | DG412CY+T                                                                                                         |
| MANUFACTURER                           | Maxim Integrated                                                                                                  |
| DESCRIPTION                            | IC SWITCH QUAD SPST 16SOIC                                                                                        |
| LEAD FREE STATUS / ROHS STATUS         | Lead free / RoHS Compliant                                                                                        |
| QUANTITY AVAILABLE                     | 29294 pcs                                                                                                         |
| DATA SHEET                             |  <a href="#">DG412CY+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)          | 175ns, 145ns                                                                                                      |
| 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)              | 45 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 45 Ohm 16-SO                                                                              |
| CURRENT - LEAKAGE (IS(OFF)) (MAX)      | 250pA                                                                                                             |
| CROSSTALK                              | -85dB @ 1MHz                                                                                                      |
| CHARGE INJECTION                       | 5pC                                                                                                               |
| CHANNEL-TO-CHANNEL MATCHING (ΔRON)     | 3 Ohm (Max)                                                                                                       |
| CHANNEL CAPACITANCE (CS(OFF), CD(OFF)) | 9pF, 9pF                                                                                                          |
| BASE PART NUMBER                       | DG412                                                                                                             |
| -3DB BANDWIDTH                         | -                                                                                                                 |

Related Tags

|                            |                              |                                |
|----------------------------|------------------------------|--------------------------------|
| Maxim Integrated DG412CY+T | DG412CY+T Distributor        | DG412CY+T Supplier             |
| DG412CY+T Price            | DG412CY+T Pictures           | DG412CY+T Image                |
| DG412CY+T PDF Datasheet    | DG412CY+T Download Datasheet | DG412CY+T Datasheet            |
| DG412CY+T Stock            | Buy DG412CY+T                | Buy Maxim Integrated DG412CY+T |
| Maxim Integrated DG412CY+T | Maxim Integrated Supplier    | Maxim Integrated Distributor   |
| Maxim Integrated DG412CY+T |                              |                                |

Related Products

|                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                |
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| <div></div> <div><b>DG412DJZ</b><br/>Manufacturers: Intersil<br/>Description: IC SWITCH QUAD SPST 16DIP<br/>In stock: 43637 pcs<br/><div>RFQ</div></div>                            | <div></div> <div><b>DG412CJ</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC SWITCH ANLG SPST QUAD 16DIP<br/>In stock: 2899 pcs<br/><div>RFQ</div></div>         |
| <div></div> <div><b>DG412DJ-E3</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC SWITCH QUAD SPST 16-DIP<br/>In stock: 29494 pcs<br/><div>RFQ</div></div>     | <div></div> <div><b>DG412AK/883B</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC SWITCH QUAD SPST 16CDIP<br/>In stock: 4986 pcs<br/><div>RFQ</div></div>        |
| <div></div> <div><b>DG412CJ+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC SWITCH QUAD SPST 16DIP<br/>In stock: 11407 pcs<br/><div>RFQ</div></div>                    | <div></div> <div><b>DG412CY+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC SWITCH QUAD SPST 16SOIC<br/>In stock: 13095 pcs<br/><div>RFQ</div></div>           |
| <div></div> <div><b>DG412DQ-T1-E3</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC SWITCH QUAD SPST TSSOP16<br/>In stock: 65482 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>DG412CUE+T</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC SWITCH QUAD SPST 16TSSOP<br/>In stock: 41334 pcs<br/><div>RFQ</div></div>        |
| <div></div> <div><b>DG412CUE+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC SWITCH QUAD SPST 16TSSOP<br/>In stock: 23070 pcs<br/><div>RFQ</div></div>                 | <div></div> <div><b>DG412DJ</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC SWITCH QUAD SPST 16-DIP<br/>In stock: 4308 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>DG412DJ+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC SWITCH QUAD SPST 16DIP<br/>In stock: 10841 pcs<br/><div>RFQ</div></div>                    | <div></div> <div><b>DG412DJ</b><br/>Manufacturers: Intersil<br/>Description: IC SWITCH QUAD SPST 16DIP<br/>In stock: 2860 pcs<br/><div>RFQ</div></div>                      |