



Diodes Incorporated



PI3A412ZHEX

|                     |                                                                                                                   |
|---------------------|-------------------------------------------------------------------------------------------------------------------|
| Part Number:        | PI3A412ZHEX                                                                                                       |
| Manufacturer/Brand: | Diodes Incorporated                                                                                               |
| Product description | IC SWITCH QUAD SPDT 16TQFN                                                                                        |
| Datasheets:         |  <a href="#">PI3A412ZHEX.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant      |
| Stock Condition     | 2729 pcs stock                                                                                                    |
| Ship From           | Hong Kong                                                                                                         |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                             |

REQUEST FOR QUOTATION

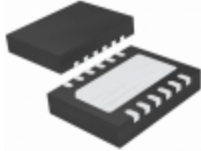
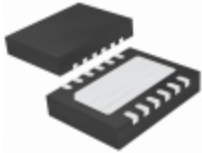
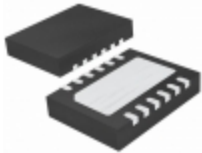
Specifications of PI3A412ZHEX

|                                        |                                                                                                                     |
|----------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                            | PI3A412ZHEX                                                                                                         |
| MANUFACTURER                           | Diodes Incorporated                                                                                                 |
| DESCRIPTION                            | IC SWITCH QUAD SPDT 16TQFN                                                                                          |
| LEAD FREE STATUS / ROHS STATUS         | Lead free / RoHS Compliant                                                                                          |
| QUANTITY AVAILABLE                     | 2729 pcs                                                                                                            |
| DATA SHEET                             |  <a href="#">PI3A412ZHEX.pdf</a> |
| VOLTAGE - SUPPLY, SINGLE (V+)          | 1.8 V ~ 4.2 V                                                                                                       |
| VOLTAGE - SUPPLY, DUAL (V±)            | -                                                                                                                   |
| SWITCH TIME (TON, TOFF) (MAX)          | 13ns, 38ns                                                                                                          |
| SWITCH CIRCUIT                         | SPDT                                                                                                                |
| SUPPLIER DEVICE PACKAGE                | 16-TQFN (3x3)                                                                                                       |
| SERIES                                 | -                                                                                                                   |
| PACKAGING                              | Tape & Reel (TR)                                                                                                    |
| PACKAGE / CASE                         | 16-WFQFN Exposed Pad                                                                                                |
| OTHER NAMES                            | PI3A412ZHEXTR                                                                                                       |
| OPERATING TEMPERATURE                  | -40°C ~ 85°C (TA)                                                                                                   |
| ON-STATE RESISTANCE (MAX)              | 750 mOhm                                                                                                            |
| NUMBER OF CIRCUITS                     | 4                                                                                                                   |
| MULTIPLEXER/DEMULTIPLEXER CIRCUIT      | 2:1                                                                                                                 |
| MOISTURE SENSITIVITY LEVEL (MSL)       | 1 (Unlimited)                                                                                                       |
| LEAD FREE STATUS / ROHS STATUS         | Lead free / RoHS Compliant                                                                                          |
| DETAILED DESCRIPTION                   | 4 Circuit IC Switch 2:1 750 mOhm 16-TQFN (3x3)                                                                      |
| CURRENT - LEAKAGE (IS(OFF)) (MAX)      | 1µA                                                                                                                 |
| CROSSTALK                              | -97dB @ 1MHz                                                                                                        |
| CHARGE INJECTION                       | 50pC                                                                                                                |
| CHANNEL-TO-CHANNEL MATCHING (ΔRON)     | 50 mOhm                                                                                                             |
| CHANNEL CAPACITANCE (CS(OFF), CD(OFF)) | 20pF, 20pF                                                                                                          |
| BASE PART NUMBER                       | PI3A412                                                                                                             |
| -3DB BANDWIDTH                         | 78MHz                                                                                                               |

Related Tags

|                                                        |                                |                                     |
|--------------------------------------------------------|--------------------------------|-------------------------------------|
| Diodes Incorporated PI3A412ZHEX                        | PI3A412ZHEX Distributor        | PI3A412ZHEX Supplier                |
| PI3A412ZHEX Price                                      | PI3A412ZHEX Pictures           | PI3A412ZHEX Image                   |
| PI3A412ZHEX PDF Datasheet                              | PI3A412ZHEX Download Datasheet | PI3A412ZHEX Datasheet               |
| PI3A412ZHEX Stock                                      | Buy PI3A412ZHEX                | Buy Diodes Incorporated PI3A412ZHEX |
| Diodes Incorporated PI3A412ZHEX                        | Diodes Incorporated Supplier   | Diodes Incorporated Distributor     |
| Diodes Incorporated PI3A412ZHEX                        | Diodes Inc PI3A412ZHEX         | Pericom Semiconductor PI3A412ZHEX   |
| Zetex Semiconductors (Diodes Incorporated) PI3A412ZHEX |                                |                                     |

Related Products

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| <div></div> <div><b>PI3A4626ZCEX</b><br/>Manufacturers: Diodes Incorporated<br/>Description: IC SWITCH SPST 6TDFN<br/>In stock: 4494 pcs</div> <div>RFQ</div>               | <div></div> <div><b>PI3B16211A</b><br/>Manufacturers: Diodes Incorporated<br/>Description: IC 24-BIT BUS SWITCH 56-TSSOP<br/>In stock: 4241 pcs</div> <div>RFQ</div>     |
| <div></div> <div><b>PI3A3160ZGEX</b><br/>Manufacturers: Diodes Incorporated<br/>Description: IC SWITCH DUAL SPDT 12TDFN<br/>In stock: 2825 pcs</div> <div>RFQ</div>         | <div></div> <div><b>PI3B16209AE</b><br/>Manufacturers: Diodes Incorporated<br/>Description: IC 18BIT BUS EXCHANGE SW 48TSSOP<br/>In stock: 5864 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>PI3A3159ZCEX</b><br/>Manufacturers: Diodes Incorporated<br/>Description: IC SWITCH SPDT 6TDFN<br/>In stock: 6084 pcs</div> <div>RFQ</div>               | <div></div> <div><b>PI3B16210AE</b><br/>Manufacturers: Diodes Incorporated<br/>Description: IC 20-BIT BUS SWITCH 48-TSSOP<br/>In stock: 4906 pcs</div> <div>RFQ</div>    |
| <div></div> <div><b>PI3A3899ZTEX</b><br/>Manufacturers: Diodes Incorporated<br/>Description: IC SWITCH DUAL DPDT 20HM 16-UQFN<br/>In stock: 253969 pcs</div> <div>RFQ</div> | <div></div> <div><b>PI3A3160CZGEX</b><br/>Manufacturers: Diodes Incorporated<br/>Description: IC SWITCH DUAL SPDT 12TDFN<br/>In stock: 3930 pcs</div> <div>RFQ</div>     |
| <div></div> <div><b>PI3A4626TEX</b><br/>Manufacturers: Diodes Incorporated<br/>Description: IC SWITCH SPST SOT23-5<br/>In stock: 7076 pcs</div> <div>RFQ</div>              | <div></div> <div><b>PI3A288ZMEX</b><br/>Manufacturers: Diodes Incorporated<br/>Description: IC SWITCH DUAL SPDT 10UQFN<br/>In stock: 87034 pcs</div> <div>RFQ</div>      |
| <div></div> <div><b>PI3B16210A</b><br/>Manufacturers: Diodes Incorporated<br/>Description: IC 20-BIT BUS SWITCH 48-TSSOP<br/>In stock: 3391 pcs</div> <div>RFQ</div>        | <div></div> <div><b>PI3A3160ZEEX</b><br/>Manufacturers: Diodes Incorporated<br/>Description: IC SWITCH DUAL SPDT 12TDFN<br/>In stock: 4900 pcs</div> <div>RFQ</div>      |