

DIODES

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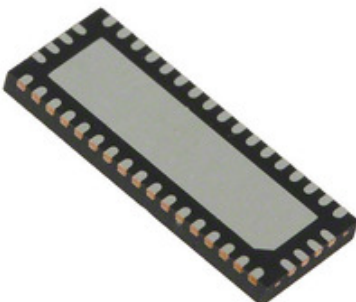
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Diodes Incorporated



PI3DBS16412ZHEX

|                     |                                                                                                                       |
|---------------------|-----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | PI3DBS16412ZHEX                                                                                                       |
| Manufacturer/Brand: | Diodes Incorporated                                                                                                   |
| Product description | PCIE SWITCH V-QFN3590-42                                                                                              |
| Datasheets:         |  <a href="#">PI3DBS16412ZHEX.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant          |
| Stock Condition     | 64740 pcs stock                                                                                                       |
| Ship From           | Hong Kong                                                                                                             |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                 |

REQUEST FOR QUOTATION

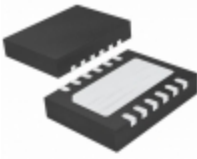
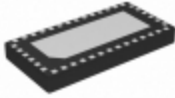
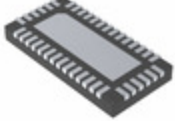
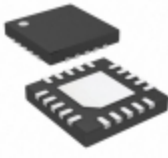
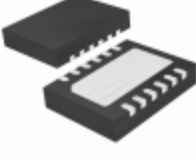
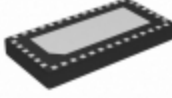
Specifications of PI3DBS16412ZHEX

|                                   |                                                                                                                         |
|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                       | PI3DBS16412ZHEX                                                                                                         |
| MANUFACTURER                      | Diodes Incorporated                                                                                                     |
| DESCRIPTION                       | PCIE SWITCH V-QFN3590-42                                                                                                |
| LEAD FREE STATUS / ROHS STATUS    | Lead free / RoHS Compliant                                                                                              |
| QUANTITY AVAILABLE                | 64740 pcs                                                                                                               |
| DATA SHEET                        |  <a href="#">PI3DBS16412ZHEX.pdf</a> |
| VOLTAGE - SUPPLY, SINGLE (V+)     | 3.3V                                                                                                                    |
| VOLTAGE - SUPPLY, DUAL (V±)       | -                                                                                                                       |
| SWITCH CIRCUIT                    | SPDT                                                                                                                    |
| SUPPLIER DEVICE PACKAGE           | 42-TQFN (9x3.5)                                                                                                         |
| SERIES                            | -                                                                                                                       |
| PACKAGING                         | Tape & Reel (TR)                                                                                                        |
| PACKAGE / CASE                    | 42-VFQFN Exposed Pad                                                                                                    |
| OTHER NAMES                       | PI3DBS16412ZHEXDITR                                                                                                     |
| OPERATING TEMPERATURE             | -40°C ~ 85°C                                                                                                            |
| ON-STATE RESISTANCE (MAX)         | -                                                                                                                       |
| NUMBER OF CHANNELS                | 4                                                                                                                       |
| MULTIPLEXER/DEMULTIPLEXER CIRCUIT | 2:1                                                                                                                     |
| MOISTURE SENSITIVITY LEVEL (MSL)  | 1 (Unlimited)                                                                                                           |
| LEAD FREE STATUS / ROHS STATUS    | Lead free / RoHS Compliant                                                                                              |
| FEATURES                          | Bi-Directional, USB 3.0, USB 3.1                                                                                        |
| DETAILED DESCRIPTION              | PCIe 4.0, USB Switch IC 4 Channel 42-TQFN (9x3.5)                                                                       |
| APPLICATIONS                      | PCIe 4.0, USB                                                                                                           |
| -3DB BANDWIDTH                    | 13GHz                                                                                                                   |

Related Tags

|                                                            |                                    |                                         |
|------------------------------------------------------------|------------------------------------|-----------------------------------------|
| Diodes Incorporated PI3DBS16412ZHEX                        | PI3DBS16412ZHEX Distributor        | PI3DBS16412ZHEX Supplier                |
| PI3DBS16412ZHEX Price                                      | PI3DBS16412ZHEX Pictures           | PI3DBS16412ZHEX Image                   |
| PI3DBS16412ZHEX PDF Datasheet                              | PI3DBS16412ZHEX Download Datasheet | PI3DBS16412ZHEX Datasheet               |
| PI3DBS16412ZHEX Stock                                      | Buy PI3DBS16412ZHEX                | Buy Diodes Incorporated PI3DBS16412ZHEX |
| Diodes Incorporated PI3DBS16412ZHEX                        | Diodes Incorporated Supplier       | Diodes Incorporated Distributor         |
| Diodes Incorporated PI3DBS16412ZHEX                        | Diodes Inc PI3DBS16412ZHEX         | Pericom Semiconductor PI3DBS16412ZHEX   |
| Zetex Semiconductors (Diodes Incorporated) PI3DBS16412ZHEX |                                    |                                         |

Related Products

|                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                           |
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| <div></div> <div><b>PI3DBV10ZEX</b><br/>Manufacturers: Diodes Incorporated<br/>Description: IC VIDEO SWITCH 2X1 12TDFN<br/>In stock: 3450 pcs<br/><div>RFQ</div></div>                 | <div></div> <div><b>PI3DBS12612ZTFE</b><br/>Manufacturers: Diodes Incorporated<br/>Description: PCIE SWITCH U-QFN3050-40 TRAY 49<br/>In stock: 32815 pcs<br/><div>RFQ</div></div>      |
| <div></div> <div><b>PI3DBS12412ZLEX</b><br/>Manufacturers: Diodes Incorporated<br/>Description: IC MUX/DEMUX 2:1 12GBPS<br/>In stock: 61060 pcs<br/><div>RFQ</div></div>               | <div></div> <div><b>PI3DBV14LE</b><br/>Manufacturers: Diodes Incorporated<br/>Description: IC MUX/DEMUX DUAL 4X1 16TSSOP<br/>In stock: 5795 pcs<br/><div>RFQ</div></div>               |
| <div></div> <div><b>PI3DBS16412ZLCEX</b><br/>Manufacturers: Diodes Incorporated<br/>Description: PCIE SWITCH W-QFN3060-40 T&amp;R 3.5<br/>In stock: 60462 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>PI3DBS16212XUAEX</b><br/>Manufacturers: Diodes Incorporated<br/>Description: PCIE SWITCH X2-QFN2020-18<br/>In stock: 108255 pcs<br/><div>RFQ</div></div>           |
| <div></div> <div><b>PI3DBS16413ZHEX</b><br/>Manufacturers: Diodes Incorporated<br/>Description: PCIE SWITCH V-QFN3590-42<br/>In stock: 28968 pcs<br/><div>RFQ</div></div>              | <div></div> <div><b>PI3DBS16212ZBBEX</b><br/>Manufacturers: Diodes Incorporated<br/>Description: PCIE SWITCH V-QFN2545-20 T&amp;R 3.5<br/>In stock: 50127 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>PI3DBS3224ZNAEX</b><br/>Manufacturers: Diodes Incorporated<br/>Description: IC MUX/DEMUX HS 2:4 20-TQFN<br/>In stock: 122982 pcs<br/><div>RFQ</div></div>          | <div></div> <div><b>PI3DBV10ZEEX</b><br/>Manufacturers: Diodes Incorporated<br/>Description: IC VIDEO SWITCH 2X1 12TDFN<br/>In stock: 43994 pcs<br/><div>RFQ</div></div>               |
| <div></div> <div><b>PI3DBS12612ZTFEX</b><br/>Manufacturers: Diodes Incorporated<br/>Description: PCIE SWITCH U-QFN3050-40 T&amp;R 3.5<br/>In stock: 49085 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>PI3DBS12412ZLE</b><br/>Manufacturers: Diodes Incorporated<br/>Description: IC MUX/DEMUX 2:1 12GBPS<br/>In stock: 44094 pcs<br/><div>RFQ</div></div>                |