

PI2PCIE2412AE



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Part Number: [PI2PCIE2412AE](#)

Manufacturer: [Diodes Incorporated](#)

Description: IC SWITCH QUAD 2:1 42TQFN

Data sheet:  [PI2PCIE2412](#)

RoHs Status: Lead free / RoHS Compliant

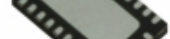
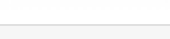
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Request For Quotation

| PRODUCT PARAMETER                |                                           |                                   |                                                  |
|----------------------------------|-------------------------------------------|-----------------------------------|--------------------------------------------------|
| Part Number                      | PI2PCIE2412AE                             | Manufacturer                      | <a href="#">Diodes Incorporated</a>              |
| Description                      | IC SWITCH QUAD 2:1 42TQFN                 | Lead Free Status / RoHS Status    | Lead free / RoHS Compliant                       |
| Quantity Available               | 45000 pcs                                 | Data sheet                        | <a href="#">PI2PCIE2412</a>                      |
| Category                         | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply, Single (V+)     | 1.5 V ~ 1.8 V                                    |
| Voltage - Supply, Dual (V±)      | -                                         | Switch Circuit                    | -                                                |
| Supplier Device Package          | 42-TQFN (9x3.5)                           | Series                            | -                                                |
| Packaging                        | Tube                                      | Package / Case                    | 42-VFQFN Exposed Pad                             |
| Operating Temperature            | -40°C ~ 85°C (TA)                         | 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                         | -                                         | Detailed Description              | PCI Express® Switch IC 4 Channel 42-TQFN (9x3.5) |
| Applications                     | PCI Express®                              | -3db Bandwidth                    | 4.1GHz                                           |

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RFQ Email: info@Components-World.com

| RELATED PRODUCTS                                                                   |                                                                                         |                                                    |                |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|----------------------------------------------------|----------------|
|  | Part#: <a href="#">PI2PCIE2412AEX</a><br>Description: IC SWITCH QUAD 2:1 42TQFN         | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PI2PCIE212ZHE</a><br>Description: IC MUX/DEMUX DUAL 1X2 28TQFN       | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PI2EQXDP101-AZFEX</a><br>Description: IC REDRIVER DISPLAYPORT 36TQFN | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PI2PCIE2412-EVB1</a><br>Description: PI2PCIE2412-EVALUATION BOARD1   | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PI2LVD412ZHEX</a><br>Description: IC MUX/DEMUX QUAD 2X1 42TQFN       | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PI2PCIE2212ZHE</a><br>Description: IC MUX/DEMUX 2X1 28TQFN           | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PI2PCIE412-CZHEX</a><br>Description: IC MUX/DEMUX QUAD 8:16 42TQFN   | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PI2PCIE212ZHEX</a><br>Description: IC PCI-E MUX/DEMUX 2X1 28TQFN     | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PI2PCIE2422ZHEX</a><br>Description: IC PCI-E MUX/DEMUX 2X1 42TQFN    | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PI2PCIE2442ZHE</a><br>Description: IC SWITCH 8 X 2:4 42TQFN          | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PI2PCIE2412ZHE</a><br>Description: IC MUX/DEMUX 8:16 42TQFN          | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PI2PCIE412-CZHE</a><br>Description: IC MUX/DEMUX QUAD 8:16 42TQFN    | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PI2PCIE2422ZHE</a><br>Description: IC MUX/DEMUX 2X1 42TQFN           | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PI2PCIE2442ZHEX</a><br>Description: IC CLOCK GENERATOR PCIE 42TQFN   | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PI2PCIE2214ZHE</a><br>Description: IC MUX/DEMUX 4:1 42TQFN           | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PI2PCIE412-DZHE</a><br>Description: IC MUX/DEMUX QUAD 8:16 42TQFN    | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PI2PCIE2412ZHEX</a><br>Description: IC PCI-E MUX/DEMUX 8:16 42TQFN   | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PI2PCIE2214ZHEX</a><br>Description: IC MUX/DEMUX 4:1 2.6GHZ 42TQFN   | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PI2PCIE2212ZHEX</a><br>Description: IC PCI-E MUX/DEMUX 2X1 28TQFN    | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PI2LVD412ZHE</a><br>Description: IC MUX/DEMUX QUAD 2X1 42TQFN        | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |

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