



ADI (Analog Devices, Inc.)



Image may be representation. See specifications for product details.

ADUM1446ARQZ

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | ADUM1446ARQZ                                                                                                 |
| Manufacturer/Brand: | ADI (Analog Devices, Inc.)                                                                                   |
| Product description | DGTL ISO 2.5KV GEN PURP 16QSOP                                                                               |
| Datasheets:         |  ADUM1446ARQZ.pdf           |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 16575 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of ADUM1446ARQZ

|                                      |                                                                                                       |
|--------------------------------------|-------------------------------------------------------------------------------------------------------|
| PART NUMBER                          | ADUM1446ARQZ                                                                                          |
| MANUFACTURER                         | ADI (Analog Devices, Inc.)                                                                            |
| DESCRIPTION                          | DGTL ISO 2.5KV GEN PURP 16QSOP                                                                        |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                            |
| QUANTITY AVAILABLE                   | 16575 pcs                                                                                             |
| DATA SHEET                           |  ADUM1446ARQZ.pdf  |
| VOLTAGE - SUPPLY                     | 2.25 V ~ 3.6 V                                                                                        |
| VOLTAGE - ISOLATION                  | 2500Vrms                                                                                              |
| TYPE                                 | General Purpose                                                                                       |
| TECHNOLOGY                           | Magnetic Coupling                                                                                     |
| SUPPLIER DEVICE PACKAGE              | 16-QSOP                                                                                               |
| SERIES                               | iCoupler®                                                                                             |
| RISE / FALL TIME (TYP)               | 2ns, 2ns                                                                                              |
| PULSE WIDTH DISTORTION (MAX)         | 8ns                                                                                                   |
| PROPAGATION DELAY TPLH / TPHL (MAX)  | 180ns, 180ns                                                                                          |
| PACKAGING                            | Tube                                                                                                  |
| PACKAGE / CASE                       | 16-SSOP (0.154", 3.90mm Width)                                                                        |
| OPERATING TEMPERATURE                | -40°C ~ 125°C                                                                                         |
| NUMBER OF CHANNELS                   | 4                                                                                                     |
| MOUNTING TYPE                        | Surface Mount                                                                                         |
| MOISTURE SENSITIVITY LEVEL (MSL)     | 1 (Unlimited)                                                                                         |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                            |
| ISOLATED POWER                       | No                                                                                                    |
| INPUTS - SIDE 1/SIDE 2               | 3/1                                                                                                   |
| DETAILED DESCRIPTION                 | General Purpose Digital Isolator 2500Vrms 4 Channel 2Mbps 25kV/μs CMTI 16-SSOP (0.154", 3.90mm Width) |
| DATA RATE                            | 2Mbps                                                                                                 |
| COMMON MODE TRANSIENT IMMUNITY (MIN) | 25kV/μs                                                                                               |
| CHANNEL TYPE                         | Unidirectional                                                                                        |
| BASE PART NUMBER                     | ADUM1446                                                                                              |

Related Tags

|                                         |                                     |                                             |
|-----------------------------------------|-------------------------------------|---------------------------------------------|
| ADI (Analog Devices, Inc.) ADUM1446ARQZ | ADUM1446ARQZ Distributor            | ADUM1446ARQZ Supplier                       |
| ADUM1446ARQZ Price                      | ADUM1446ARQZ Pictures               | ADUM1446ARQZ Image                          |
| ADUM1446ARQZ PDF Datasheet              | ADUM1446ARQZ Download Datasheet     | ADUM1446ARQZ Datasheet                      |
| ADUM1446ARQZ Stock                      | Buy ADUM1446ARQZ                    | Buy ADI (Analog Devices, Inc.) ADUM1446ARQZ |
| ADI (Analog Devices, Inc.) ADUM1446ARQZ | ADI (Analog Devices, Inc.) Supplier | ADI (Analog Devices, Inc.) Distributor      |
| ADI (Analog Devices, Inc.) ADUM1446ARQZ | AD ADUM1446ARQZ                     | ADI (Analog Devices, Inc.) ADUM1446ARQZ     |
| Analog Devices Inc. ADUM1446ARQZ        | Analog Devices, Inc. ADUM1446ARQZ   |                                             |

Related Products

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| <div><div>ADUM1445ARQZ</div><div>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: DGTL ISO 2.5KV GEN PURP 16QSOP<br/>In stock: 19628 pcs</div><div>RFQ</div></div>      | <div><div>ADUM1445ARSZ</div><div>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: DGTL ISO 3.75KV GEN PURP 20SSOP<br/>In stock: 16170 pcs</div><div>RFQ</div></div>     |
| <div><div>ADUM1447ARSZ</div><div>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: DGTL ISO 3.75KV GEN PURP 20SSOP<br/>In stock: 14448 pcs</div><div>RFQ</div></div>     | <div><div>ADUM1446ARSZ</div><div>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: DGTL ISO 3.75KV GEN PURP 20SSOP<br/>In stock: 15425 pcs</div><div>RFQ</div></div>     |
| <div><div>ADUM1445ARSZ-RL7</div><div>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: DGTL ISO 3.75KV GEN PURP 20SSOP<br/>In stock: 25452 pcs</div><div>RFQ</div></div> | <div><div>ADUM1446ARSZ-RL7</div><div>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: DGTL ISO 3.75KV GEN PURP 20SSOP<br/>In stock: 22282 pcs</div><div>RFQ</div></div> |
| <div><div>ADUM1447ARQZ</div><div>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: DGTL ISO 2.5KV GEN PURP 16QSOP<br/>In stock: 19963 pcs</div><div>RFQ</div></div>      | <div><div>ADUM1442ARSZ</div><div>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: DGTL ISO 3.75KV GEN PURP 20SSOP<br/>In stock: 12503 pcs</div><div>RFQ</div></div>     |
| <div><div>ADUM1445ARQZ-RL7</div><div>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: DGTL ISO 2.5KV GEN PURP 16QSOP<br/>In stock: 37415 pcs</div><div>RFQ</div></div>  | <div><div>ADUM1447ARQZ-RL7</div><div>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: DGTL ISO 2.5KV GEN PURP 16QSOP<br/>In stock: 38282 pcs</div><div>RFQ</div></div>  |
| <div><div>ADUM1442ARSZ-RL7</div><div>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: DGTL ISO 3.75KV GEN PURP 20SSOP<br/>In stock: 23525 pcs</div><div>RFQ</div></div> | <div><div>ADUM1446ARQZ-RL7</div><div>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: DGTL ISO 2.5KV GEN PURP 16QSOP<br/>In stock: 29588 pcs</div><div>RFQ</div></div>  |