



ADI (Analog Devices, Inc.)



Image may be representation. See specifications for product details.

ADUM225N1BRIZ

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | ADUM225N1BRIZ                                                                                                |
| Manufacturer/Brand: | ADI (Analog Devices, Inc.)                                                                                   |
| Product description | DGTL ISO 5KV 2CH GEN PURP                                                                                    |
| Datasheets:         |  ADUM225N1BRIZ.pdf          |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 17267 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of ADUM225N1BRIZ

|                                      |                                                                                                        |
|--------------------------------------|--------------------------------------------------------------------------------------------------------|
| PART NUMBER                          | ADUM225N1BRIZ                                                                                          |
| MANUFACTURER                         | ADI (Analog Devices, Inc.)                                                                             |
| DESCRIPTION                          | DGTL ISO 5KV 2CH GEN PURP                                                                              |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                             |
| QUANTITY AVAILABLE                   | 17267 pcs                                                                                              |
| DATA SHEET                           |  ADUM225N1BRIZ.pdf  |
| VOLTAGE - SUPPLY                     | 1.7 V ~ 5.5 V                                                                                          |
| VOLTAGE - ISOLATION                  | 5000Vrms                                                                                               |
| TYPE                                 | General Purpose                                                                                        |
| TECHNOLOGY                           | Magnetic Coupling                                                                                      |
| SUPPLIER DEVICE PACKAGE              | 8-SOIC-IC                                                                                              |
| SERIES                               | iCoupler®                                                                                              |
| RISE / FALL TIME (TYP)               | 2.5ns, 2.5ns                                                                                           |
| PULSE WIDTH DISTORTION (MAX)         | 3ns                                                                                                    |
| PROPAGATION DELAY TPLH / TPHL (MAX)  | 13ns, 13ns                                                                                             |
| PACKAGING                            | Tube                                                                                                   |
| PACKAGE / CASE                       | 8-SOIC (0.295", 7.50mm Width)                                                                          |
| OPERATING TEMPERATURE                | -40°C ~ 125°C                                                                                          |
| NUMBER OF CHANNELS                   | 2                                                                                                      |
| MOUNTING TYPE                        | Surface Mount                                                                                          |
| MOISTURE SENSITIVITY LEVEL (MSL)     | 3 (168 Hours)                                                                                          |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                             |
| ISOLATED POWER                       | No                                                                                                     |
| INPUTS - SIDE 1/SIDE 2               | 2/0                                                                                                    |
| DETAILED DESCRIPTION                 | General Purpose Digital Isolator 5000Vrms 2 Channel 150Mbps 75kV/μs CMTI 8-SOIC (0.295", 7.50mm Width) |
| DATA RATE                            | 150Mbps                                                                                                |
| COMMON MODE TRANSIENT IMMUNITY (MIN) | 75kV/μs                                                                                                |
| CHANNEL TYPE                         | Unidirectional                                                                                         |
| BASE PART NUMBER                     | ADUM225                                                                                                |

Related Tags

|                                          |                                     |                                              |
|------------------------------------------|-------------------------------------|----------------------------------------------|
| ADI (Analog Devices, Inc.) ADUM225N1BRIZ | ADUM225N1BRIZ Distributor           | ADUM225N1BRIZ Supplier                       |
| ADUM225N1BRIZ Price                      | ADUM225N1BRIZ Pictures              | ADUM225N1BRIZ Image                          |
| ADUM225N1BRIZ PDF Datasheet              | ADUM225N1BRIZ Download Datasheet    | ADUM225N1BRIZ Datasheet                      |
| ADUM225N1BRIZ Stock                      | Buy ADUM225N1BRIZ                   | Buy ADI (Analog Devices, Inc.) ADUM225N1BRIZ |
| ADI (Analog Devices, Inc.) ADUM225N1BRIZ | ADI (Analog Devices, Inc.) Supplier | ADI (Analog Devices, Inc.) Distributor       |
| ADI (Analog Devices, Inc.) ADUM225N1BRIZ | AD ADUM225N1BRIZ                    | ADI (Analog Devices, Inc.) ADUM225N1BRIZ     |
| Analog Devices Inc. ADUM225N1BRIZ        | Analog Devices, Inc. ADUM225N1BRIZ  |                                              |

Related Products

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| <div><div>ADUM226N0BRIZ-RL</div><div>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: DGTL ISO 5KV 2CH GEN PURP<br/>In stock: 32024 pcs</div><div>RFQ</div></div>        | <div><div>ADUM225N0BRIZ-RL</div><div>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: DGTL ISO 5KV 2CH GEN PURP<br/>In stock: 32387 pcs</div><div>RFQ</div></div>        |
| <div><div>ADUM225N1BRIZ-RL</div><div>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: DGTL ISO 5KV 2CH GEN PURP<br/>In stock: 40800 pcs</div><div>RFQ</div></div>        | <div><div>ADUM2251WARWZ</div><div>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: DGTL ISOLATOR 5KV 2CH I2C 16SOIC<br/>In stock: 10059 pcs</div><div>RFQ</div></div>    |
| <div><div>ADUM226N1BRIZ</div><div>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: DGTL ISO 5KV 2CH GEN PURP<br/>In stock: 16088 pcs</div><div>RFQ</div></div>           | <div><div>ADUM226N0WBRIZ</div><div>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: DGTL ISO 5KV 2CH GEN PURP 8SOIC<br/>In stock: 16618 pcs</div><div>RFQ</div></div>    |
| <div><div>ADUM2251ARWZ</div><div>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: DGTL ISOLATOR 5KV 2CH I2C 16SOIC<br/>In stock: 14713 pcs</div><div>RFQ</div></div>     | <div><div>ADUM225N0BRIZ</div><div>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: DGTL ISO 5KV 2CH GEN PURP<br/>In stock: 18168 pcs</div><div>RFQ</div></div>           |
| <div><div>ADUM226N0BRIZ</div><div>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: DGTL ISO 5KV 2CH GEN PURP<br/>In stock: 17935 pcs</div><div>RFQ</div></div>           | <div><div>ADUM2251ARWZ-RL</div><div>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: DGTL ISOLATOR 5KV 2CH I2C 16SOIC<br/>In stock: 24404 pcs</div><div>RFQ</div></div>  |
| <div><div>ADUM2251WARWZ-RL</div><div>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: DGTL ISOLATOR 5KV 2CH I2C 16SOIC<br/>In stock: 18851 pcs</div><div>RFQ</div></div> | <div><div>ADUM226N0WBRIZ-RL</div><div>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: DGTL ISO 5KV 2CH GEN PURP 8SOIC<br/>In stock: 31495 pcs</div><div>RFQ</div></div> |