



ADUM251N1BRIZ-RL

|                     |                                 |
|---------------------|---------------------------------|
| Part Number:        | ADUM251N1BRIZ-RL                |
| Manufacturer/Brand: | ADI (Analog Devices, Inc.)      |
| Product description | DGTL ISO 5KV 5CH GEN PRP 16SOIC |
| Datasheets:         | ADUM251N1BRIZ-RL.pdf            |
| RoHs Status         | Lead free / RoHS Compliant      |
| Ship From           | Hong Kong                       |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS           |

REQUEST FOR QUOTATION

Specifications of ADUM251N1BRIZ-RL

|                                      |                                                                                                         |
|--------------------------------------|---------------------------------------------------------------------------------------------------------|
| PART NUMBER                          | ADUM251N1BRIZ-RL                                                                                        |
| MANUFACTURER                         | ADI (Analog Devices, Inc.)                                                                              |
| DESCRIPTION                          | DGTL ISO 5KV 5CH GEN PRP 16SOIC                                                                         |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                              |
| DATA SHEET                           | ADUM251N1BRIZ-RL.pdf                                                                                    |
| VOLTAGE - SUPPLY                     | 1.7 V ~ 5.5 V                                                                                           |
| VOLTAGE - ISOLATION                  | 5000Vrms                                                                                                |
| TYPE                                 | General Purpose                                                                                         |
| TECHNOLOGY                           | Magnetic Coupling                                                                                       |
| SUPPLIER DEVICE PACKAGE              | 16-SOIC-IC                                                                                              |
| SERIES                               | iCoupler®                                                                                               |
| RISE / FALL TIME (TYP)               | 2.5ns, 2.5ns                                                                                            |
| PULSE WIDTH DISTORTION (MAX)         | 4.5ns                                                                                                   |
| PROPAGATION DELAY TPLH / TPHL (MAX)  | 13ns, 13ns                                                                                              |
| PACKAGING                            | Tape & Reel (TR)                                                                                        |
| PACKAGE / CASE                       | 16-SOIC (0.295", 7.50mm Width)                                                                          |
| OPERATING TEMPERATURE                | -40°C ~ 125°C                                                                                           |
| NUMBER OF CHANNELS                   | 5                                                                                                       |
| MOUNTING TYPE                        | Surface Mount                                                                                           |
| MOISTURE SENSITIVITY LEVEL (MSL)     | 3 (168 Hours)                                                                                           |
| MANUFACTURER STANDARD LEAD TIME      | 9 Weeks                                                                                                 |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                              |
| ISOLATED POWER                       | No                                                                                                      |
| INPUTS - SIDE 1/SIDE 2               | 4/1                                                                                                     |
| DETAILED DESCRIPTION                 | General Purpose Digital Isolator 5000Vrms 5 Channel 150Mbps 75kV/μs CMTI 16-SOIC (0.295", 7.50mm Width) |
| DATA RATE                            | 150Mbps                                                                                                 |
| COMMON MODE TRANSIENT IMMUNITY (MIN) | 75kV/μs                                                                                                 |
| CHANNEL TYPE                         | Unidirectional                                                                                          |
| BASE PART NUMBER                     | ADUM251                                                                                                 |

Related Tags

|                                             |                                       |                                                 |
|---------------------------------------------|---------------------------------------|-------------------------------------------------|
| ADI (Analog Devices, Inc.) ADUM251N1BRIZ-RL | ADUM251N1BRIZ-RL Distributor          | ADUM251N1BRIZ-RL Supplier                       |
| ADUM251N1BRIZ-RL Price                      | ADUM251N1BRIZ-RL Pictures             | ADUM251N1BRIZ-RL Image                          |
| ADUM251N1BRIZ-RL PDF Datasheet              | ADUM251N1BRIZ-RL Download Datasheet   | ADUM251N1BRIZ-RL Datasheet                      |
| ADUM251N1BRIZ-RL Stock                      | Buy ADUM251N1BRIZ-RL                  | Buy ADI (Analog Devices, Inc.) ADUM251N1BRIZ-RL |
| ADI (Analog Devices, Inc.) ADUM251N1BRIZ-RL | ADI (Analog Devices, Inc.) Supplier   | ADI (Analog Devices, Inc.) Distributor          |
| ADI (Analog Devices, Inc.) ADUM251N1BRIZ-RL | AD ADUM251N1BRIZ-RL                   | ADI (Analog Devices, Inc.) ADUM251N1BRIZ-RL     |
| Analog Devices Inc. ADUM251N1BRIZ-RL        | Analog Devices, Inc. ADUM251N1BRIZ-RL |                                                 |

Related Products

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| <p><b>ADUM260N0BRIZ</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: DGTL ISO 5KV 6CH GEN PRP 16SOIC<br/>In stock: 546 pcs</p> <p>RFQ</p>      | <p><b>ADUM250N1BRIZ-RL</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: DGTL ISO 5KV 5CH GEN PRP 16SOIC<br/>In stock: Out stock</p> <p>RFQ</p> |
| <p><b>ADUM251N1BRIZ</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: DGTL ISO 5KV 5CH GEN PRP 16SOIC<br/>In stock: 37 pcs</p> <p>RFQ</p>       | <p><b>ADUM252N0BRIZ</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: DGTL ISO 5KV 5CH GEN PRP 16SOIC<br/>In stock: 146 pcs</p> <p>RFQ</p>      |
| <p><b>ADUM250N0BRIZ-RL</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: DGTL ISO 5KV 5CH GEN PRP 16SOIC<br/>In stock: Out stock</p> <p>RFQ</p> | <p><b>ADUM250N1BRIZ</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: DGTL ISO 5KV 5CH GEN PRP 16SOIC<br/>In stock: 189 pcs</p> <p>RFQ</p>      |
| <p><b>ADUM260N0BRIZ-RL</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: DGTL ISO 5KV 6CH GEN PRP 16SOIC<br/>In stock: Out stock</p> <p>RFQ</p> | <p><b>ADUM251N0BRIZ</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: DGTL ISO 5KV 5CH GEN PRP 16SOIC<br/>In stock: 39 pcs</p> <p>RFQ</p>       |
| <p><b>ADUM252N1BRIZ-RL</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: DGTL ISO 5KV 5CH GEN PRP 16SOIC<br/>In stock: Out stock</p> <p>RFQ</p> | <p><b>ADUM251N0BRIZ-RL</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: DGTL ISO 5KV 5CH GEN PRP 16SOIC<br/>In stock: Out stock</p> <p>RFQ</p> |
| <p><b>ADUM252N1BRIZ</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: DGTL ISO 5KV 5CH GEN PRP 16SOIC<br/>In stock: 110 pcs</p> <p>RFQ</p>      | <p><b>ADUM252N0BRIZ-RL</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: DGTL ISO 5KV 5CH GEN PRP 16SOIC<br/>In stock: Out stock</p> <p>RFQ</p> |