




ADI (Analog Devices, Inc.)

ADUM1251ARZ

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| Part Number: | ADUM1251ARZ |
| Manufacturer/Brand: | ADI (Analog Devices, Inc.) |
| Product description: | DGTL ISO 2.5KV 2CH I2C 8SOIC |
| Datasheets: | PDF ADUM1251ARZ.pdf |
| RoHS Status: |  Lead free / RoHS Compliant |
| Ship From: | Hong Kong |
| Shipment Way: | DHL/Fedex/TNT/UPS/EMS |

[REQUEST FOR QUOTATION](#)

Image may be representation. See specifications for product details.

Specifications of ADUM1251ARZ

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| PART NUMBER | ADUM1251ARZ |
| MANUFACTURER | ADI (Analog Devices, Inc.) |
| DESCRIPTION | DGTL ISO 2.5KV 2CH I2C 8SOIC |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant |
| DATA SHEET | PDF ADUM1251ARZ.pdf |
| VOLTAGE - SUPPLY | 3 V ~ 5.5 V |
| VOLTAGE - ISOLATION | 2500Vrms |
| TYPE | I ² C |
| TECHNOLOGY | Magnetic Coupling |
| SUPPLIER DEVICE PACKAGE | 8-SOIC |
| SERIES | iCoupler® |
| RISE / FALL TIME (TYP) | - |
| PULSE WIDTH DISTORTION (MAX) | 145ns, 85ns |
| PROPAGATION DELAY TPLH / TPHL (MAX) | - |
| PACKAGING | Tube |
| PACKAGE / CASE | 8-SOIC (0.154", 3.90mm Width) |
| OPERATING TEMPERATURE | -40°C ~ 105°C |
| NUMBER OF CHANNELS | 2 |
| MOUNTING TYPE | Surface Mount |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited) |
| MANUFACTURER STANDARD LEAD TIME | 8 Weeks |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant |
| ISOLATED POWER | No |
| INPUTS - SIDE 1/SIDE 2 | 2/1 |
| DETAILED DESCRIPTION | I ² C Digital Isolator 2500Vrms 2 Channel 1Mbps 25kV/μs CMTI 8-SOIC (0.154", 3.90mm Width) |
| DATA RATE | 1Mbps |
| COMMON MODE TRANSIENT IMMUNITY (MIN) | 25kV/μs |
| CHANNEL TYPE | Bidirectional, Unidirectional |
| BASE PART NUMBER | ADUM1251 |

Related Tags

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Related Products

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|  <p>ADUM1250SRZ Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 2.5KV 2CH I2C 8SOIC In stock: Out stock RFQ</p> |  <p>ADUM1280ARZ-RL7 Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 3KV 2CH GEN PURP 8SOIC In stock: Out stock RFQ</p> |
|  <p>ADUM1251ARZ-RL7 Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 2.5KV 2CH I2C 8SOIC In stock: Out stock RFQ</p> |  <p>ADUM1280ARZ Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 3KV 2CH GEN PURP 8SOIC In stock: Out stock RFQ</p> |
|  <p>ADUM1251WARZ Manufacturers: ADI (Analog Devices, Inc.) Description: IC DGTL ISO 3CH I2C 1MBPS 8SOIC In stock: 120 pcs RFQ</p> |  <p>ADUM1250SRZ-RL7 Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 2.5KV 2CH I2C 8SOIC In stock: Out stock RFQ</p> |
|  <p>ADUM1250WARZ-RL7 Manufacturers: ADI (Analog Devices, Inc.) Description: DIGITAL ISOLATOR 8SOIC In stock: Out stock RFQ</p> |  <p>ADUM1280BRZ Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 3KV 2CH GEN PURP 8SOIC In stock: 108 pcs RFQ</p> |
|  <p>ADUM1250WSRZ Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 2.5KV 2CH I2C 8SOIC In stock: 494 pcs RFQ</p> |  <p>ADUM1250WARZ Manufacturers: ADI (Analog Devices, Inc.) Description: DIGITAL ISOLATOR 8SOIC In stock: Out stock RFQ</p> |
|  <p>ADUM1251WARZ-RL7 Manufacturers: ADI (Analog Devices, Inc.) Description: IC DGTL ISO 3CH I2C 1MBPS 8SOIC In stock: Out stock RFQ</p> |  <p>ADUM1250WSRZ-RL7 Manufacturers: ADI (Analog Devices, Inc.) Description: IC DGTL ISO 4CH I2C 1MBPS 8SOIC In stock: Out stock RFQ</p> |