




ADI (Analog Devices, Inc.)

ADUM2251WARWZ

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| Part Number: | ADUM2251WARWZ |
| Manufacturer/Brand: | ADI (Analog Devices, Inc.) |
| Product description: | DGTL ISOLATOR 5KV 2CH I2C 16SOIC |
| Datasheets: | PDF ADUM2251WARWZ.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 ADUM2251WARWZ

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| PART NUMBER | ADUM2251WARWZ |
| MANUFACTURER | ADI (Analog Devices, Inc.) |
| DESCRIPTION | DGTL ISOLATOR 5KV 2CH I2C 16SOIC |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant |
| DATA SHEET | PDF ADUM2251WARWZ.pdf |
| VOLTAGE - SUPPLY | 3 V ~ 5.5 V |
| VOLTAGE - ISOLATION | 5000Vrms |
| TYPE | I ² C |
| TECHNOLOGY | Magnetic Coupling |
| SUPPLIER DEVICE PACKAGE | 16-SOIC |
| SERIES | Automotive |
| RISE / FALL TIME (TYP) | - |
| PULSE WIDTH DISTORTION (MAX) | 145ns, 85ns |
| PROPAGATION DELAY TPLH / TPHL (MAX) | - |
| PACKAGING | Tube |
| PACKAGE / CASE | 16-SOIC (0.295", 7.50mm Width) |
| OPERATING TEMPERATURE | -40°C ~ 105°C |
| NUMBER OF CHANNELS | 2 |
| MOUNTING TYPE | Surface Mount |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours) |
| 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 5000Vrms 2 Channel 1Mbps 25kV/μs CMTI 16-SOIC (0.295", 7.50mm Width) |
| DATA RATE | 1Mbps |
| COMMON MODE TRANSIENT IMMUNITY (MIN) | 25kV/μs |
| CHANNEL TYPE | Bidirectional, Unidirectional |
| BASE PART NUMBER | ADUM2251 |

Related Tags

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| ADI (Analog Devices, Inc.) ADUM2251WARWZ | ADUM2251WARWZ Distributor | ADUM2251WARWZ Supplier |
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| Analog Devices Inc. ADUM2251WARWZ | Analog Devices, Inc. ADUM2251WARWZ | |

Related Products

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|  <p>ADUM225N1BRIZ Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 5KV 2CH GEN PURP In stock: 56 pcs</p> <p>RFQ</p> |  <p>ADUM226N0BRIZ Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 5KV 2CH GEN PURP In stock: Out stock</p> <p>RFQ</p> |
|  <p>ADUM225N0BRIZ-RL Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 5KV 2CH GEN PURP In stock: Out stock</p> <p>RFQ</p> |  <p>ADUM2251ARIZ Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISOLATOR 5KV 2CH I2C 16SOIC In stock: 121 pcs</p> <p>RFQ</p> |
|  <p>ADUM2251ARWZ Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISOLATOR 5KV 2CH I2C 16SOIC In stock: Out stock</p> <p>RFQ</p> |  <p>ADUM225N1BRIZ-RL Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 5KV 2CH GEN PURP In stock: Out stock</p> <p>RFQ</p> |
|  <p>ADUM2251WARWZ-RL Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISOLATOR 5KV 2CH I2C 16SOIC In stock: Out stock</p> <p>RFQ</p> |  <p>ADUM2250WARWZ Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISOLATOR 5KV 2CH I2C 16SOIC In stock: 106 pcs</p> <p>RFQ</p> |
|  <p>ADUM225N0BRIZ Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 5KV 2CH GEN PURP In stock: Out stock</p> <p>RFQ</p> |  <p>ADUM2251ARWZ-RL Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISOLATOR 5KV 2CH I2C 16SOIC In stock: Out stock</p> <p>RFQ</p> |
|  <p>ADUM2251ARIZ-RL Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISOLATOR 5KV 2CH I2C 16SOIC In stock: Out stock</p> <p>RFQ</p> |  <p>ADUM2250WARWZ-RL Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISOLATOR 5KV 2CH I2C 16SOIC In stock: Out stock</p> <p>RFQ</p> |