






Image may be representation. See specifications for product details.

ADUM142D0BRWZ-RL

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| Part Number: | ADUM142D0BRWZ-RL |
| Manufacturer/Brand: | ADI (Analog Devices, Inc.) |
| Product description | DGTL ISO 3.75KV GEN PURP 16SOIC |
| Datasheets: |  ADUM142D0BRWZ-RL.pdf |
| RoHs Status |  Lead free / RoHS Compliant |
| Stock Condition | 29107 pcs stock |
| Ship From | Hong Kong |
| Shipment Way | DHL/Fedex/TNT/UPS/EMS |

REQUEST FOR QUOTATION













Specifications of ADUM142D0BRWZ-RL

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| PART NUMBER | ADUM142D0BRWZ-RL |
| MANUFACTURER | ADI (Analog Devices, Inc.) |
| DESCRIPTION | DGTL ISO 3.75KV GEN PURP 16SOIC |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant |
| QUANTITY AVAILABLE | 29107 pcs |
| DATA SHEET |  ADUM142D0BRWZ-RL.pdf |
| VOLTAGE - SUPPLY | 1.7 V ~ 5.5 V |
| VOLTAGE - ISOLATION | 3750Vrms |
| TYPE | General Purpose |
| TECHNOLOGY | Magnetic Coupling |
| SUPPLIER DEVICE PACKAGE | 16-SOIC |
| SERIES | iCoupler® |
| RISE / FALL TIME (TYP) | 2.5ns, 2.5ns |
| PULSE WIDTH DISTORTION (MAX) | 3ns |
| 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 | 4 |
| 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 | 2/2 |
| DETAILED DESCRIPTION | General Purpose Digital Isolator 3750Vrms 4 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 | ADUM142 |

Related Tags

| | | |
|---|---------------------------------------|---|
| ADI (Analog Devices, Inc.) ADUM142D0BRWZ-RL | ADUM142D0BRWZ-RL Distributor | ADUM142D0BRWZ-RL Supplier |
| ADUM142D0BRWZ-RL Price | ADUM142D0BRWZ-RL Pictures | ADUM142D0BRWZ-RL Image |
| ADUM142D0BRWZ-RL PDF Datasheet | ADUM142D0BRWZ-RL Download Datasheet | ADUM142D0BRWZ-RL Datasheet |
| ADUM142D0BRWZ-RL Stock | Buy ADUM142D0BRWZ-RL | Buy ADI (Analog Devices, Inc.) ADUM142D0BRWZ-RL |
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| ADI (Analog Devices, Inc.) ADUM142D0BRWZ-RL | AD ADUM142D0BRWZ-RL | ADI (Analog Devices, Inc.) ADUM142D0BRWZ-RL |
| Analog Devices Inc. ADUM142D0BRWZ-RL | Analog Devices, Inc. ADUM142D0BRWZ-RL | |

Related Products

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|  <div>ADUM142D1BRWZ Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 3.75KV GEN PURP 16SOIC In stock: 16775 pcs RFQ</div> |  <div>ADUM142D1BRQZ-RL7 Manufacturers: ADI (Analog Devices, Inc.) Description: IC, ROBUST QUAD ISO, 2:2 CH In stock: 30942 pcs RFQ</div> |
|  <div>ADUM142D0BRWZ Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 3.75KV GEN PURP 16SOIC In stock: 14801 pcs RFQ</div> |  <div>ADUM142D1BRWZ-RL Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 3.75KV GEN PURP 16SOIC In stock: 28703 pcs RFQ</div> |
|  <div>ADUM1420BRWZ Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 1.667KV GATE DVR 28SOIC In stock: 4062 pcs RFQ</div> |  <div>ADUM142D0BRQZ Manufacturers: ADI (Analog Devices, Inc.) Description: IC, ROBUST QUAD ISO, 2:2 CH In stock: 16236 pcs RFQ</div> |
|  <div>ADUM142D0BRQZ-RL7 Manufacturers: ADI (Analog Devices, Inc.) Description: IC, ROBUST QUAD ISO, 2:2 CH In stock: 30141 pcs RFQ</div> |  <div>ADUM1420BRWZ-RL Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 1.667KV GATE DVR 28SOIC In stock: 4292 pcs RFQ</div> |
|  <div>ADUM142D0BRZ Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 3KV 4CH GEN PURP 16SOIC In stock: 17220 pcs RFQ</div> |  <div>ADUM142D1BRQZ Manufacturers: ADI (Analog Devices, Inc.) Description: IC, ROBUST QUAD ISO, 2:2 CH In stock: 15219 pcs RFQ</div> |
|  <div>ADUM141E1WBRWZ-RL Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 3.75KV GEN PURP 16SOIC In stock: 22219 pcs RFQ</div> |  <div>ADUM142D0BRZ-RL7 Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 3KV 4CH GEN PURP 16SOIC In stock: 36680 pcs RFQ</div> |