



ADUM142E0BRWZ

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|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | ADUM142E0BRWZ                                                                                                |
| Manufacturer/Brand: | ADI (Analog Devices, Inc.)                                                                                   |
| Product description | DGTL ISO 3.75KV GEN PURP 16SOIC                                                                              |
| Datasheets:         |  ADUM142E0BRWZ.pdf          |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 17112 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of ADUM142E0BRWZ

|                                      |                                                                                                         |
|--------------------------------------|---------------------------------------------------------------------------------------------------------|
| PART NUMBER                          | ADUM142E0BRWZ                                                                                           |
| MANUFACTURER                         | ADI (Analog Devices, Inc.)                                                                              |
| DESCRIPTION                          | DGTL ISO 3.75KV GEN PURP 16SOIC                                                                         |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                              |
| QUANTITY AVAILABLE                   | 17112 pcs                                                                                               |
| DATA SHEET                           |  ADUM142E0BRWZ.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                            | Tube                                                                                                    |
| 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.) ADUM142E0BRWZ | ADUM142E0BRWZ Distributor           | ADUM142E0BRWZ Supplier                       |
| ADUM142E0BRWZ Price                      | ADUM142E0BRWZ Pictures              | ADUM142E0BRWZ Image                          |
| ADUM142E0BRWZ PDF Datasheet              | ADUM142E0BRWZ Download Datasheet    | ADUM142E0BRWZ Datasheet                      |
| ADUM142E0BRWZ Stock                      | Buy ADUM142E0BRWZ                   | Buy ADI (Analog Devices, Inc.) ADUM142E0BRWZ |
| ADI (Analog Devices, Inc.) ADUM142E0BRWZ | ADI (Analog Devices, Inc.) Supplier | ADI (Analog Devices, Inc.) Distributor       |
| ADI (Analog Devices, Inc.) ADUM142E0BRWZ | AD ADUM142E0BRWZ                    | ADI (Analog Devices, Inc.) ADUM142E0BRWZ     |
| Analog Devices Inc. ADUM142E0BRWZ        | Analog Devices, Inc. ADUM142E0BRWZ  |                                              |

Related Products

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| <div><div>ADUM142E1BRQZ</div><div>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC, ROBUST QUAD ISO, 2:2 CH<br/>In stock: 15055 pcs</div><div>RFQ</div></div>        | <div><div>ADUM142D1BRWZ</div><div>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: DGTL ISO 3.75KV GEN PURP 16SOIC<br/>In stock: 16775 pcs</div><div>RFQ</div></div>     |
| <div><div>ADUM142E0BRQZ-RL7</div><div>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC, ROBUST QUAD ISO, 2:2 CH<br/>In stock: 29755 pcs</div><div>RFQ</div></div>    | <div><div>ADUM142E0BRZ-RL7</div><div>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: DGTL ISO 3KV 4CH GEN PURP 16SOIC<br/>In stock: 36537 pcs</div><div>RFQ</div></div> |
| <div><div>ADUM142D1BRWZ-RL</div><div>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: DGTL ISO 3.75KV GEN PURP 16SOIC<br/>In stock: 28703 pcs</div><div>RFQ</div></div> | <div><div>ADUM142D1BRZ</div><div>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: DGTL ISO 3KV 4CH GEN PURP 16SOIC<br/>In stock: 18245 pcs</div><div>RFQ</div></div>     |
| <div><div>ADUM142E0BRWZ-RL</div><div>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: DGTL ISO 3.75KV GEN PURP 16SOIC<br/>In stock: 28131 pcs</div><div>RFQ</div></div> | <div><div>ADUM142E1BRWZ</div><div>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: DGTL ISO 3.75KV GEN PURP 16SOIC<br/>In stock: 16301 pcs</div><div>RFQ</div></div>     |
| <div><div>ADUM142E0BRQZ</div><div>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC, ROBUST QUAD ISO, 2:2 CH<br/>In stock: 18782 pcs</div><div>RFQ</div></div>        | <div><div>ADUM142E1BRQZ-RL7</div><div>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC, ROBUST QUAD ISO, 2:2 CH<br/>In stock: 31355 pcs</div><div>RFQ</div></div>     |
| <div><div>ADUM142E0BRZ</div><div>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: DGTL ISO 3KV 4CH GEN PURP 16SOIC<br/>In stock: 18304 pcs</div><div>RFQ</div></div>    | <div><div>ADUM142D1BRZ-RL7</div><div>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: DGTL ISO 3KV 4CH GEN PURP 16SOIC<br/>In stock: 30257 pcs</div><div>RFQ</div></div> |