



ADI (Analog Devices, Inc.)



### ADUM140D0BRQZ-RL7

|                     |                                                                                                                         |
|---------------------|-------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | ADUM140D0BRQZ-RL7                                                                                                       |
| Manufacturer/Brand: | ADI (Analog Devices, Inc.)                                                                                              |
| Product description | IC, ROBUST QUAD ISO, 4:0 CH                                                                                             |
| Datasheets:         |  <a href="#">ADUM140D0BRQZ-RL7.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant            |
| Stock Condition     | 35448 pcs stock                                                                                                         |
| 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 ADUM140D0BRQZ-RL7

|                                      |                                                                                                                           |
|--------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                          | ADUM140D0BRQZ-RL7                                                                                                         |
| MANUFACTURER                         | ADI (Analog Devices, Inc.)                                                                                                |
| DESCRIPTION                          | IC, ROBUST QUAD ISO, 4:0 CH                                                                                               |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                                                |
| QUANTITY AVAILABLE                   | 35448 pcs                                                                                                                 |
| DATA SHEET                           |  <a href="#">ADUM140D0BRQZ-RL7.pdf</a> |
| VOLTAGE - SUPPLY                     | 1.7 V ~ 5.5 V                                                                                                             |
| VOLTAGE - ISOLATION                  | 3000Vrms                                                                                                                  |
| TYPE                                 | General Purpose                                                                                                           |
| TECHNOLOGY                           | Magnetic Coupling                                                                                                         |
| SUPPLIER DEVICE PACKAGE              | 16-QSOP                                                                                                                   |
| 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-SSOP (0.154", 3.90mm 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               | 4/0                                                                                                                       |
| DETAILED DESCRIPTION                 | General Purpose Digital Isolator 3000Vrms 4 Channel 150Mbps 75kV/μs CMTI 16-SSOP (0.154", 3.90mm Width)                   |
| DATA RATE                            | 150Mbps                                                                                                                   |
| COMMON MODE TRANSIENT IMMUNITY (MIN) | 75kV/μs                                                                                                                   |
| CHANNEL TYPE                         | Unidirectional                                                                                                            |
| BASE PART NUMBER                     | ADUM140                                                                                                                   |

#### Related Tags

|                                              |                                        |                                                  |
|----------------------------------------------|----------------------------------------|--------------------------------------------------|
| ADI (Analog Devices, Inc.) ADUM140D0BRQZ-RL7 | ADUM140D0BRQZ-RL7 Distributor          | ADUM140D0BRQZ-RL7 Supplier                       |
| ADUM140D0BRQZ-RL7 Price                      | ADUM140D0BRQZ-RL7 Pictures             | ADUM140D0BRQZ-RL7 Image                          |
| ADUM140D0BRQZ-RL7 PDF Datasheet              | ADUM140D0BRQZ-RL7 Download Datasheet   | ADUM140D0BRQZ-RL7 Datasheet                      |
| ADUM140D0BRQZ-RL7 Stock                      | Buy ADUM140D0BRQZ-RL7                  | Buy ADI (Analog Devices, Inc.) ADUM140D0BRQZ-RL7 |
| ADI (Analog Devices, Inc.) ADUM140D0BRQZ-RL7 | ADI (Analog Devices, Inc.) Supplier    | ADI (Analog Devices, Inc.) Distributor           |
| ADI (Analog Devices, Inc.) ADUM140D0BRQZ-RL7 | AD ADUM140D0BRQZ-RL7                   | ADI (Analog Devices, Inc.) ADUM140D0BRQZ-RL7     |
| Analog Devices Inc. ADUM140D0BRQZ-RL7        | Analog Devices, Inc. ADUM140D0BRQZ-RL7 |                                                  |

#### Related Products

|                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                            |
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|  <div><b>ADUM140D0BRZ-RL7</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: DGTL ISO 3.75KV GEN PURP 16-SOIC<br/>In stock: 31887 pcs<br/><b>RFQ</b></div> |  <div><b>ADUM1402WTRWZ53</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC DGTL ISO 4CH LOGIC 16SOIC<br/>In stock: 4740 pcs<br/><b>RFQ</b></div>    |
|  <div><b>ADUM140D0BRWZ-RL</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: DGTL ISO 3.75KV GEN PURP 16SOIC<br/>In stock: 37507 pcs<br/><b>RFQ</b></div>  |  <div><b>ADUM1402WTRWZ55-RL</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC DGTL ISO 4CH LOGIC 16SOIC<br/>In stock: 6323 pcs<br/><b>RFQ</b></div> |
|  <div><b>ADUM1402WTRWZ35-RL</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC DGTL ISO 4CH LOGIC 16SOIC<br/>In stock: 6766 pcs<br/><b>RFQ</b></div>    |  <div><b>ADUM140D0BRWZ</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: DGTL ISO 3.75KV GEN PURP 16SOIC<br/>In stock: 14880 pcs<br/><b>RFQ</b></div>  |
|  <div><b>ADUM1402WTRWZ55</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC DGTL ISO 4CH LOGIC 16SOIC<br/>In stock: 5665 pcs<br/><b>RFQ</b></div>       |  <div><b>ADUM140D0BRZ</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: DGTL ISO 3.75KV GEN PURP 16-SOIC<br/>In stock: 17483 pcs<br/><b>RFQ</b></div>  |
|  <div><b>ADUM1402WTRWZ53-RL</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC DGTL ISO 4CH LOGIC 16SOIC<br/>In stock: 4663 pcs<br/><b>RFQ</b></div>    |  <div><b>ADUM140D1BRQZ-RL7</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC, ROBUST QUAD ISO, 4:0 CH<br/>In stock: 33904 pcs<br/><b>RFQ</b></div>  |
|  <div><b>ADUM140D1BRQZ</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC, ROBUST QUAD ISO, 4:0 CH<br/>In stock: 16811 pcs<br/><b>RFQ</b></div>         |  <div><b>ADUM140D0BRQZ</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC, ROBUST QUAD ISO, 4:0 CH<br/>In stock: 15162 pcs<br/><b>RFQ</b></div>      |