



ADI (Analog Devices, Inc.)

## ADUM141D1BRQZ-RL7

Part Number:	ADUM141D1BRQZ-RL7
Manufacturer/Brand:	ADI (Analog Devices, Inc.)
Product description:	DGTL ISO ROBUST QUAD 3:1 CH
Datasheets:	ADUM141D1BRQZ-RL7.pdf
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	26955 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 ADUM141D1BRQZ-RL7

PART NUMBER	ADUM141D1BRQZ-RL7
MANUFACTURER	ADI (Analog Devices, Inc.)
DESCRIPTION	DGTL ISO ROBUST QUAD 3:1 CH
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	26955 pcs
DATA SHEET	ADUM141D1BRQZ-RL7.pdf
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	3/1
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	ADUM141

### Related Tags

ADI (Analog Devices, Inc.) ADUM141D1BRQZ-RL7	ADUM141D1BRQZ-RL7 Distributor	ADUM141D1BRQZ-RL7 Supplier
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Analog Devices Inc. ADUM141D1BRQZ-RL7	Analog Devices, Inc. ADUM141D1BRQZ-RL7	

### Related Products

<p><b>ADUM141E0BRQZ-RL7</b> Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO ROBUST QUAD 3:1 CH In stock: 35331 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>ADUM141D1BRQZ</b> Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO ROBUST QUAD 3:1 CH In stock: 18647 pcs</p> <p><a href="#">RFQ</a></p>
<p><b>ADUM141D1BRWZ</b> Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 3.75KV GEN PURP 16SOIC In stock: 15764 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>ADUM141D0BRZ-RL7</b> Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 3KV 4CH GEN PURP 16SOIC In stock: 33519 pcs</p> <p><a href="#">RFQ</a></p>
<p><b>ADUM141D0BRWZ-RL</b> Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 3.75KV GEN PURP 16SOIC In stock: 16116 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>ADUM141E0BRQZ</b> Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO ROBUST QUAD 3:1 CH In stock: 18333 pcs</p> <p><a href="#">RFQ</a></p>
<p><b>ADUM141D1BRZ-RL7</b> Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 3KV 4CH GEN PURP 16SOIC In stock: 36343 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>ADUM141D0BRZ</b> Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 3KV 4CH GEN PURP 16SOIC In stock: 16188 pcs</p> <p><a href="#">RFQ</a></p>
<p><b>ADUM141D0BRWZ</b> Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 3.75KV GEN PURP 16SOIC In stock: 19731 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>ADUM141D1BRZ</b> Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 3KV 4CH GEN PURP 16SOIC In stock: 18558 pcs</p> <p><a href="#">RFQ</a></p>
<p><b>ADUM141D1BRWZ-RL</b> Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 3.75KV GEN PURP 16SOIC In stock: 31285 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>ADUM141D0BRQZ-RL7</b> Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO ROBUST QUAD 3:1 CH In stock: 31861 pcs</p> <p><a href="#">RFQ</a></p>