



ADI (Analog Devices, Inc.)



Image may be representation. See specifications for product details.

Part Number:

Manufacturer/Brand:

Product description

Datasheets:

RoHs Status

Stock Condition


Ship From


Shipment Way

ADUM142D1BRQZ-RL7

ADI (Analog Devices, Inc.)

IC, ROBUST QUAD ISO, 2:2 CH

 ADUM142D1BRQZ-RL7.pdf

 Lead free / RoHS Compliant


30942 pcs stock

Hong Kong

DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION











Specifications of ADUM142D1BRQZ-RL7

PART NUMBER	ADUM142D1BRQZ-RL7
MANUFACTURER	ADI (Analog Devices, Inc.)
DESCRIPTION	IC, ROBUST QUAD ISO, 2:2 CH
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	30942 pcs
DATA SHEET	 ADUM142D1BRQZ-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	2/2
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	ADUM142

Related Tags

ADI (Analog Devices, Inc.) ADUM142D1BRQZ-RL7	ADUM142D1BRQZ-RL7 Distributor	ADUM142D1BRQZ-RL7 Supplier
ADUM142D1BRQZ-RL7 Price	ADUM142D1BRQZ-RL7 Pictures	ADUM142D1BRQZ-RL7 Image
ADUM142D1BRQZ-RL7 PDF Datasheet	ADUM142D1BRQZ-RL7 Download Datasheet	ADUM142D1BRQZ-RL7 Datasheet
ADUM142D1BRQZ-RL7 Stock	Buy ADUM142D1BRQZ-RL7	Buy ADI (Analog Devices, Inc.) ADUM142D1BRQZ-RL7
ADI (Analog Devices, Inc.) ADUM142D1BRQZ-RL7	ADI (Analog Devices, Inc.) Supplier	ADI (Analog Devices, Inc.) Distributor
ADI (Analog Devices, Inc.) ADUM142D1BRQZ-RL7	AD ADUM142D1BRQZ-RL7	ADI (Analog Devices, Inc.) ADUM142D1BRQZ-RL7
Analog Devices Inc. ADUM142D1BRQZ-RL7	Analog Devices, Inc. ADUM142D1BRQZ-RL7	

Related Products

<div><div>ADUM142E0BRQZ</div><div>Manufacturers: ADI (Analog Devices, Inc.)</div><div>Description: IC, ROBUST QUAD ISO, 2:2 CH</div><div>In stock: 18782 pcs</div><div>RFQ</div></div>	<div><div>ADUM142D0BRWZ</div><div>Manufacturers: ADI (Analog Devices, Inc.)</div><div>Description: DGTL ISO 3.75KV GEN PURP 16SOIC</div><div>In stock: 14801 pcs</div><div>RFQ</div></div>
<div><div>ADUM142D1BRQZ</div><div>Manufacturers: ADI (Analog Devices, Inc.)</div><div>Description: IC, ROBUST QUAD ISO, 2:2 CH</div><div>In stock: 15219 pcs</div><div>RFQ</div></div>	<div><div>ADUM142D1BRZ</div><div>Manufacturers: ADI (Analog Devices, Inc.)</div><div>Description: DGTL ISO 3KV 4CH GEN PURP 16SOIC</div><div>In stock: 18245 pcs</div><div>RFQ</div></div>
<div><div>ADUM142E0BRQZ-RL7</div><div>Manufacturers: ADI (Analog Devices, Inc.)</div><div>Description: IC, ROBUST QUAD ISO, 2:2 CH</div><div>In stock: 29755 pcs</div><div>RFQ</div></div>	<div><div>ADUM142D0BRZ</div><div>Manufacturers: ADI (Analog Devices, Inc.)</div><div>Description: DGTL ISO 3KV 4CH GEN PURP 16SOIC</div><div>In stock: 17220 pcs</div><div>RFQ</div></div>
<div><div>ADUM142D0BRWZ-RL</div><div>Manufacturers: ADI (Analog Devices, Inc.)</div><div>Description: DGTL ISO 3.75KV GEN PURP 16SOIC</div><div>In stock: 29107 pcs</div><div>RFQ</div></div>	<div><div>ADUM142D0BRQZ-RL7</div><div>Manufacturers: ADI (Analog Devices, Inc.)</div><div>Description: IC, ROBUST QUAD ISO, 2:2 CH</div><div>In stock: 30141 pcs</div><div>RFQ</div></div>
<div><div>ADUM142D0BRZ-RL7</div><div>Manufacturers: ADI (Analog Devices, Inc.)</div><div>Description: DGTL ISO 3KV 4CH GEN PURP 16SOIC</div><div>In stock: 36680 pcs</div><div>RFQ</div></div>	<div><div>ADUM142D1BRWZ-RL</div><div>Manufacturers: ADI (Analog Devices, Inc.)</div><div>Description: DGTL ISO 3.75KV GEN PURP 16SOIC</div><div>In stock: 28703 pcs</div><div>RFQ</div></div>
<div><div>ADUM142D1BRZ-RL7</div><div>Manufacturers: ADI (Analog Devices, Inc.)</div><div>Description: DGTL ISO 3KV 4CH GEN PURP 16SOIC</div><div>In stock: 30257 pcs</div><div>RFQ</div></div>	<div><div>ADUM142D1BRWZ</div><div>Manufacturers: ADI (Analog Devices, Inc.)</div><div>Description: DGTL ISO 3.75KV GEN PURP 16SOIC</div><div>In stock: 16775 pcs</div><div>RFQ</div></div>