





ADI (Analog Devices, Inc.)




Image may be representation. See specifications for product details.

ADUM142D1BRQZ

Part Number:	ADUM142D1BRQZ
Manufacturer/Brand:	ADI (Analog Devices, Inc.)
Product description	IC, ROBUST QUAD ISO, 2:2 CH
Datasheets:	 ADUM142D1BRQZ.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	15219 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION













Specifications of ADUM142D1BRQZ

PART NUMBER	ADUM142D1BRQZ
MANUFACTURER	ADI (Analog Devices, Inc.)
DESCRIPTION	IC, ROBUST QUAD ISO, 2:2 CH
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	15219 pcs
DATA SHEET	 ADUM142D1BRQZ.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	Tube
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	ADUM142D1BRQZ Distributor	ADUM142D1BRQZ Supplier
ADUM142D1BRQZ Price	ADUM142D1BRQZ Pictures	ADUM142D1BRQZ Image
ADUM142D1BRQZ PDF Datasheet	ADUM142D1BRQZ Download Datasheet	ADUM142D1BRQZ Datasheet
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Analog Devices Inc. ADUM142D1BRQZ	Analog Devices, Inc. ADUM142D1BRQZ	

Related Products

<div><div>ADUM142E0BRQZ</div><div>Manufacturers: ADI (Analog Devices, Inc.) Description: IC, ROBUST QUAD ISO, 2:2 CH In stock: 18782 pcs</div><div>RFQ</div></div>	<div><div>ADUM142D0BRQZ</div><div>Manufacturers: ADI (Analog Devices, Inc.) Description: IC, ROBUST QUAD ISO, 2:2 CH In stock: 16236 pcs</div><div>RFQ</div></div>
<div><div>ADUM142D0BRWZ-RL</div><div>Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 3.75KV GEN PURP 16SOIC In stock: 29107 pcs</div><div>RFQ</div></div>	<div><div>ADUM142D1BRWZ-RL</div><div>Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 3.75KV GEN PURP 16SOIC In stock: 28703 pcs</div><div>RFQ</div></div>
<div><div>ADUM142D1BRZ</div><div>Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 3KV 4CH GEN PURP 16SOIC In stock: 18245 pcs</div><div>RFQ</div></div>	<div><div>ADUM142D1BRZ-RL7</div><div>Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 3KV 4CH GEN PURP 16SOIC In stock: 30257 pcs</div><div>RFQ</div></div>
<div><div>ADUM142D0BRZ</div><div>Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 3KV 4CH GEN PURP 16SOIC In stock: 17220 pcs</div><div>RFQ</div></div>	<div><div>ADUM142D0BRQZ-RL7</div><div>Manufacturers: ADI (Analog Devices, Inc.) Description: IC, ROBUST QUAD ISO, 2:2 CH In stock: 30141 pcs</div><div>RFQ</div></div>
<div><div>ADUM142D0BRZ-RL7</div><div>Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 3KV 4CH GEN PURP 16SOIC In stock: 36680 pcs</div><div>RFQ</div></div>	<div><div>ADUM142D1BRWZ</div><div>Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 3.75KV GEN PURP 16SOIC In stock: 16775 pcs</div><div>RFQ</div></div>
<div><div>ADUM142D0BRWZ</div><div>Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 3.75KV GEN PURP 16SOIC In stock: 14801 pcs</div><div>RFQ</div></div>	<div><div>ADUM142D1BRQZ-RL7</div><div>Manufacturers: ADI (Analog Devices, Inc.) Description: IC, ROBUST QUAD ISO, 2:2 CH In stock: 30942 pcs</div><div>RFQ</div></div>