



ADI (Analog Devices, Inc.)

## ADUM140D1BRWZ

Part Number:	ADUM140D1BRWZ
Manufacturer/Brand:	ADI (Analog Devices, Inc.)
Product description:	DGTL ISO 3.75KV GEN PURP 16SOIC
Datasheets:	<a href="#">ADUM140D1BRWZ.pdf</a>
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	14821 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 ADUM140D1BRWZ

PART NUMBER	ADUM140D1BRWZ
MANUFACTURER	ADI (Analog Devices, Inc.)
DESCRIPTION	DGTL ISO 3.75KV GEN PURP 16SOIC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	14821 pcs
DATA SHEET	<a href="#">ADUM140D1BRWZ.pdf</a>
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	4/0
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	ADUM140

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### Related Products

<p><b>ADUM140D0BRWZ</b> Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 3.75KV GEN PURP 16SOIC In stock: 14880 pcs <a href="#">RFQ</a></p>	<p><b>ADUM140D1BRQZ-RL7</b> Manufacturers: ADI (Analog Devices, Inc.) Description: IC, ROBUST QUAD ISO, 4:0 CH In stock: 33904 pcs <a href="#">RFQ</a></p>
<p><b>ADUM140D1BRZ-RL7</b> Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 3.75KV GEN PURP 16-SOIC In stock: 37020 pcs <a href="#">RFQ</a></p>	<p><b>ADUM140D1BRZ</b> Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 3.75KV GEN PURP 16-SOIC In stock: 19573 pcs <a href="#">RFQ</a></p>
<p><b>ADUM140E0BRQZ-RL7</b> Manufacturers: ADI (Analog Devices, Inc.) Description: IC, ROBUST QUAD ISO, 4:0 CH In stock: 30889 pcs <a href="#">RFQ</a></p>	<p><b>ADUM140D0BRZ-RL7</b> Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 3.75KV GEN PURP 16-SOIC In stock: 31887 pcs <a href="#">RFQ</a></p>
<p><b>ADUM140D1BRWZ-RL</b> Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 3.75KV GEN PURP 16SOIC In stock: 34296 pcs <a href="#">RFQ</a></p>	<p><b>ADUM140E0BRWZ</b> Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 3.75KV GEN PURP 16SOIC In stock: 17160 pcs <a href="#">RFQ</a></p>
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<p><b>ADUM140D0BRZ</b> Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 3.75KV GEN PURP 16-SOIC In stock: 17483 pcs <a href="#">RFQ</a></p>	<p><b>ADUM140D0BRWZ-RL</b> Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 3.75KV GEN PURP 16SOIC In stock: 37507 pcs <a href="#">RFQ</a></p>