# ADUM142D1BRWZ Details PDF



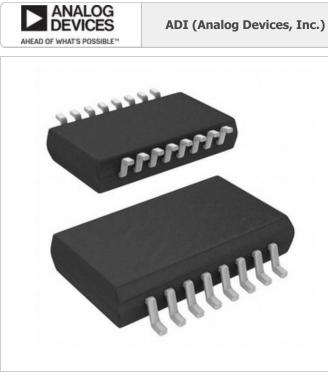


Image may be representation. See specifications for product details.

# ADUM142D1BRWZ

Part Number:	ADUM142D1BRWZ
Manufacturer/Brand:	ADI (Analog Devices, Inc.)
Product description	DGTL ISO 3.75KV GEN PURP 16SOIC
Datasheets:	PDF ADUM142D1BRWZ.pdf
RoHs Status	💒 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

### **REQUEST FOR QUOTATION**

## Specifications of ADUM142D1BRWZ

PART NUMBER	ADUM142D1BRWZ
MANUFACTURER	ADI (Analog Devices, Inc.)
DESCRIPTION	DGTL ISO 3.75KV GEN PURP 16SOIC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	ADUM142D1BRWZ.pdf
VOLTAGE - SUPPLY	1.7 V ~ 5.5 V
VOLTAGE - ISOLATION	3750Vrms
ТҮРЕ	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)
MANUFACTURER STANDARD LEAD TIME	21 Weeks
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 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	ADUM142

# **Related Tags**

ADI (Analog Devices, Inc.) ADUM142D1BRWZ	ADUM142D1BRWZ Distributor	ADUM142D1BRWZ Supplier
ADUM142D1BRWZ Price	ADUM142D1BRWZ Pictures	ADUM142D1BRWZ Image
ADUM142D1BRWZ PDF Datasheet	ADUM142D1BRWZ Download Datasheet	ADUM142D1BRWZ Datasheet
ADUM142D1BRWZ Stock	Buy ADUM142D1BRWZ	Buy ADI (Analog Devices, Inc.) ADUM142D1BRWZ
ADI (Analog Devices, Inc.) ADUM142D1BRWZ	ADI (Analog Devices, Inc.) Supplier	ADI (Analog Devices, Inc.) Distributor
ADI (Analog Devices, Inc.) ADUM142D1BRWZ	AD ADUM142D1BRWZ	ADI (Analog Devices, Inc.) ADUM142D1BRWZ
Analog Devices Inc. ADUM142D1BRWZ	Analog Devices, Inc. ADUM142D1BRWZ	

# **Related Products**



#### ADUM142D1BRZ

Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 3KV 4CH GEN PURP 16SOIC In stock: 240 pcs

RFQ



#### ADUM142D1BRZ-RL7

Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 3KV 4CH GEN PURP 16SOIC In stock: Out stock

RFQ



# ADUM142E0BRQZ

Manufacturers: ADI (Analog Devices, Inc.) Description: IC, ROBUST QUAD ISO, 2:2 CH In stock: 151 pcs

RFQ



## ADUM142D0BRWZ-RL

Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 3.75KV GEN PURP 16SOIC In stock: Out stock

RFQ



# ADUM142E0BRQZ-RL7

Manufacturers: ADI (Analog Devices, Inc.) Description: IC, ROBUST QUAD ISO, 2:2 CH In stock: Out stock





# ADUM142D0BRWZ

Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 3.75KV GEN PURP 16SOIC In stock: 234 pcs

RFQ



#### ADUM142D0BRZ

Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 3KV 4CH GEN PURP 16SOIC In stock: 695 pcs

RFQ



#### ADUM142E0BRWZ

Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 3.75KV GEN PURP 16SOIC In stock: 206 pcs

RFQ



# ADUM142D1BRQZ

Manufacturers: ADI (Analog Devices, Inc.) Description: IC, ROBUST QUAD ISO, 2:2 CH In stock: 75 pcs

RFQ



### ADUM142D0BRZ-RL7

Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 3KV 4CH GEN PURP 16SOIC In stock: Out stock

RFQ



# ADUM142D1BRQZ-RL7

Manufacturers: ADI (Analog Devices, Inc.) Description: IC, ROBUST QUAD ISO, 2:2 CH In stock: Out stock

RFQ



### ADUM142D1BRWZ-RL

Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 3.75KV GEN PURP 16SOIC In stock: Out stock

RFQ

### Copyright © 2020 Reliable Distributor of Electronic Components - Ocean-Components.com

E-mail: Info@Ocean-Components.com

Address: Room 2102, Connaught Commercial Building, 185 Wan Chai Rd, Wan Chai, Hong Kong

