



Image may be representation. See specifications for product details.

ADUM242E1BRWZ

Part Number:	ADUM242E1BRWZ
Manufacturer/Brand:	ADI (Analog Devices, Inc.)
Product description	DGTL ISO 5KV 4CH GEN PURP 16SOIC
Datasheets:	 ADUM242E1BRWZ.pdf
RoHS Status	 Lead free / RoHS Compliant
Stock Condition	12815 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of ADUM242E1BRWZ

PART NUMBER	ADUM242E1BRWZ
MANUFACTURER	ADI (Analog Devices, Inc.)
DESCRIPTION	DGTL ISO 5KV 4CH GEN PURP 16SOIC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	12815 pcs
DATA SHEET	 ADUM242E1BRWZ.pdf
VOLTAGE - SUPPLY	1.7 V ~ 5.5 V
VOLTAGE - ISOLATION	5000Vrms
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	2/2
DETAILED DESCRIPTION	General Purpose Digital Isolator 5000Vrms 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	ADUM242

Related Tags

ADI (Analog Devices, Inc.) ADUM242E1BRWZ	ADUM242E1BRWZ Distributor	ADUM242E1BRWZ Supplier
ADUM242E1BRWZ Price	ADUM242E1BRWZ Pictures	ADUM242E1BRWZ Image
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Analog Devices Inc. ADUM242E1BRWZ	Analog Devices, Inc. ADUM242E1BRWZ	

Related Products

 ADUM251N0BRIZ Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 5KV 5CH GEN PRP 16SOIC In stock: 8647 pcs RFQ	 ADUM242E1BRWZ-RL Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 5KV 4CH GEN PURP 16SOIC In stock: 21624 pcs RFQ
 ADUM250N0BRIZ Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 5KV 5CH GEN PRP 16SOIC In stock: 10381 pcs RFQ	 ADUM250N1BRIZ Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 5KV 5CH GEN PRP 16SOIC In stock: 8886 pcs RFQ
 ADUM242E0WBRWZ Manufacturers: ADI (Analog Devices, Inc.) Description: IC,ROBUST QUAD ISO 2:2 CH In stock: 8456 pcs RFQ	 ADUM242E1BRIZ-RL Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 5KV 4CH GEN PURP 16SOIC In stock: 25638 pcs RFQ
 ADUM250N1BRIZ-RL Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 5KV 5CH GEN PRP 16SOIC In stock: 19121 pcs RFQ	 ADUM250N0BRIZ-RL Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 5KV 5CH GEN PRP 16SOIC In stock: 19505 pcs RFQ
 ADUM242E0BRWZ Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 5KV 4CH GEN PURP 16SOIC In stock: 13349 pcs RFQ	 ADUM242E0BRWZ-RL Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 5KV 4CH GEN PURP 16SOIC In stock: 19691 pcs RFQ
 ADUM242E0BRIZ-RL Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 5KV 4CH GEN PURP 16SOIC In stock: 20245 pcs RFQ	 ADUM242E0WBRWZ-RL Manufacturers: ADI (Analog Devices, Inc.) Description: IC,ROBUST QUAD ISO 2:2 CH In stock: 4010 pcs RFQ