





ADI (Analog Devices, Inc.)




Image may be representation. See specifications for product details.

ADUM7442ARQZ

Part Number:	ADUM7442ARQZ
Manufacturer/Brand:	ADI (Analog Devices, Inc.)
Product description	DGTL ISO 1KV 4CH GEN PURP 16QSOP
Datasheets:	 ADUM7442ARQZ.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of ADUM7442ARQZ

PART NUMBER	ADUM7442ARQZ
MANUFACTURER	ADI (Analog Devices, Inc.)
DESCRIPTION	DGTL ISO 1KV 4CH GEN PURP 16QSOP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 ADUM7442ARQZ.pdf
VOLTAGE - SUPPLY	3 V ~ 5.5 V
VOLTAGE - ISOLATION	1000Vrms
TYPE	General Purpose
TECHNOLOGY	Magnetic Coupling
SUPPLIER DEVICE PACKAGE	16-QSOP
SERIES	iCoupler®
RISE / FALL TIME (TYP)	2ns, 2ns
PULSE WIDTH DISTORTION (MAX)	25ns
PROPAGATION DELAY TPLH / TPHL (MAX)	75ns, 75ns
PACKAGING	Tube
PACKAGE / CASE	16-SSOP (0.154", 3.90mm Width)
OPERATING TEMPERATURE	-40°C ~ 105°C
NUMBER OF CHANNELS	4
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
MANUFACTURER STANDARD LEAD TIME	16 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 1000Vrms 4 Channel 1Mbps 15kV/μs CMTI 16-SSOP (0.154", 3.90mm Width)
DATA RATE	1Mbps
COMMON MODE TRANSIENT IMMUNITY (MIN)	15kV/μs
CHANNEL TYPE	Unidirectional
BASE PART NUMBER	ADUM7442

Related Tags

ADI (Analog Devices, Inc.) ADUM7442ARQZ	ADUM7442ARQZ Distributor	ADUM7442ARQZ Supplier
ADUM7442ARQZ Price	ADUM7442ARQZ Pictures	ADUM7442ARQZ Image
ADUM7442ARQZ PDF Datasheet	ADUM7442ARQZ Download Datasheet	ADUM7442ARQZ Datasheet
ADUM7442ARQZ Stock	Buy ADUM7442ARQZ	Buy ADI (Analog Devices, Inc.) ADUM7442ARQZ
ADI (Analog Devices, Inc.) ADUM7442ARQZ	ADI (Analog Devices, Inc.) Supplier	ADI (Analog Devices, Inc.) Distributor
ADI (Analog Devices, Inc.) ADUM7442ARQZ	AD ADUM7442ARQZ	ADI (Analog Devices, Inc.) ADUM7442ARQZ
Analog Devices Inc. ADUM7442ARQZ	Analog Devices, Inc. ADUM7442ARQZ	

Related Products

<div><div>ADUM7510BRQZ Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 1KV 5CH GEN PURP 16QSOP In stock: 257 pcs</div><div>RFQ</div></div>	<div><div>ADUM7442ARQZ-RL7 Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 1KV 4CH GEN PURP 16QSOP In stock: Out stock</div><div>RFQ</div></div>
<div><div>ADUM7441ARQZ-RL7 Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 1KV 4CH GEN PURP 16QSOP In stock: Out stock</div><div>RFQ</div></div>	<div><div>ADUM7441ARQZ Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 1KV 4CH GEN PURP 16QSOP In stock: 708 pcs</div><div>RFQ</div></div>
<div><div>ADUM7510BRWZ Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 1KV 5CH GEN PURP In stock: Out stock</div><div>RFQ</div></div>	<div><div>ADUM7510BRQZ-RL7 Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 1KV 5CH GEN PURP 16QSOP In stock: Out stock</div><div>RFQ</div></div>
<div><div>ADUM7441CRQZ Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 1KV 4CH GEN PURP 16QSOP In stock: Out stock</div><div>RFQ</div></div>	<div><div>ADUM7441CRQZ-RL7 Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 1KV 4CH GEN PURP 16QSOP In stock: Out stock</div><div>RFQ</div></div>
<div><div>ADUM7442CRQZ Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 1KV 4CH GEN PURP 16QSOP In stock: Out stock</div><div>RFQ</div></div>	<div><div>ADUM7440CRQZ Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 1KV 4CH GEN PURP 16QSOP In stock: Out stock</div><div>RFQ</div></div>
<div><div>ADUM7442CRQZ-RL7 Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 1KV 4CH GEN PURP 16QSOP In stock: Out stock</div><div>RFQ</div></div>	<div><div>ADUM7440CRQZ-RL7 Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 1KV 4CH GEN PURP 16QSOP In stock: Out stock</div><div>RFQ</div></div>