





ADI (Analog Devices, Inc.)




Image may be representation. See specifications for product details.

ADUM7442ARQZ-RL7

Part Number:	ADUM7442ARQZ-RL7
Manufacturer/Brand:	ADI (Analog Devices, Inc.)
Product description	DGTL ISO 1KV 4CH GEN PURP 16QSOP
Datasheets:	 ADUM7442ARQZ-RL7.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of ADUM7442ARQZ-RL7

PART NUMBER	ADUM7442ARQZ-RL7
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-RL7.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	Tape & Reel (TR)
PACKAGE / CASE	16-SSOP (0.154", 3.90mm Width)
OTHER NAMES	ADUM7442ARQZ-RL7-ND ADUM7442ARQZ-RL7TR
OPERATING TEMPERATURE	-40°C ~ 105°C
NUMBER OF CHANNELS	4
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
MANUFACTURER STANDARD LEAD TIME	9 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-RL7	ADUM7442ARQZ-RL7 Distributor	ADUM7442ARQZ-RL7 Supplier
ADUM7442ARQZ-RL7 Price	ADUM7442ARQZ-RL7 Pictures	ADUM7442ARQZ-RL7 Image
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Analog Devices Inc. ADUM7442ARQZ-RL7	Analog Devices, Inc. ADUM7442ARQZ-RL7	

Related Products

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