ANALOG DEVICES
AHEAD OF WHAT'S POSSIBLE™   ADI (Analog Devices, Inc.)

ADUM7442CRQZ-RL7

Part Number:	ADUM7442CRQZ-RL7
Manufacturer/Brand:	ADI (Analog Devices, Inc.)
Product description	DGTL ISO 1KV 4CH GEN PURP 16QSOP
Datasheets:	ADUM7442CRQZ-RL7.pdf
RoHs Status	✅ Lead free / RoHS Compliant
Stock Condition	34104 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 ADUM7442CRQZ-RL7

PART NUMBER	ADUM7442CRQZ-RL7
MANUFACTURER	ADI (Analog Devices, Inc.)
DESCRIPTION	DGTL ISO 1KV 4CH GEN PURP 16QSOP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	34104 pcs
DATA SHEET	ADUM7442CRQZ-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)	5ns
PROPAGATION DELAY TPLH / TPHL (MAX)	50ns, 50ns
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	16-SSOP (0.154", 3.90mm Width)
OTHER NAMES	ADUM7442CRQZ-RL7-ND ADUM7442CRQZ-RL7TR
OPERATING TEMPERATURE	-40°C ~ 105°C
NUMBER OF CHANNELS	4
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
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 25Mbps 15kV/µs CMTI 16-SSOP (0.154", 3.90mm Width)
DATA RATE	25Mbps
COMMON MODE TRANSIENT IMMUNITY (MIN)	15kV/µs
CHANNEL TYPE	Unidirectional
BASE PART NUMBER	ADUM7442

Related Tags

ADI (Analog Devices, Inc.) ADUM7442CRQZ-RL7	ADUM7442CRQZ-RL7 Distributor	ADUM7442CRQZ-RL7 Supplier
ADUM7442CRQZ-RL7 Price	ADUM7442CRQZ-RL7 Pictures	ADUM7442CRQZ-RL7 Image
ADUM7442CRQZ-RL7 PDF Datasheet	ADUM7442CRQZ-RL7 Download Datasheet	ADUM7442CRQZ-RL7 Datasheet
ADUM7442CRQZ-RL7 Stock	Buy ADUM7442CRQZ-RL7	Buy ADI (Analog Devices, Inc.) ADUM7442CRQZ-RL7
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Analog Devices Inc. ADUM7442CRQZ-RL7	Analog Devices, Inc. ADUM7442CRQZ-RL7	

Related Products

ADUM7441CRQZ-RL7
Manufacturers: ADI (Analog Devices, Inc.)
Description: DGTL ISO 1KV 4CH GEN PURP 16QSOP
In stock: 17632 pcs
RFQ

ADUM7442ARQZ
Manufacturers: ADI (Analog Devices, Inc.)
Description: DGTL ISO 1KV 4CH GEN PURP 16QSOP
In stock: 22141 pcs
RFQ

ADUM7441ARQZ-RL7
Manufacturers: ADI (Analog Devices, Inc.)
Description: DGTL ISO 1KV 4CH GEN PURP 16QSOP
In stock: 48015 pcs
RFQ

ADUM7510BRWZ-RL
Manufacturers: ADI (Analog Devices, Inc.)
Description: DGTL ISO 1KV 5CH GEN PURP
In stock: 4201 pcs
RFQ

ADUM7640ARQZ
Manufacturers: ADI (Analog Devices, Inc.)
Description: DGTL ISO 1KV 6CH GEN PURP 20QSOP
In stock: 18205 pcs
RFQ

ADUM7640ARQZ-RL7
Manufacturers: ADI (Analog Devices, Inc.)
Description: DGTL ISO 1KV 6CH GEN PURP 20QSOP
In stock: 31025 pcs
RFQ

ADUM7442CRQZ
Manufacturers: ADI (Analog Devices, Inc.)
Description: DGTL ISO 1KV 4CH GEN PURP 16QSOP
In stock: 15213 pcs
RFQ

ADUM7442ARQZ-RL7
Manufacturers: ADI (Analog Devices, Inc.)
Description: DGTL ISO 1KV 4CH GEN PURP 16QSOP
In stock: 41679 pcs
RFQ

ADUM7441CRQZ
Manufacturers: ADI (Analog Devices, Inc.)
Description: DGTL ISO 1KV 4CH GEN PURP 16QSOP
In stock: 17232 pcs
RFQ

ADUM7510BRQZ
Manufacturers: ADI (Analog Devices, Inc.)
Description: DGTL ISO 1KV 5CH GEN PURP 16QSOP
In stock: 17115 pcs
RFQ

ADUM7510BRQZ-RL7
Manufacturers: ADI (Analog Devices, Inc.)
Description: DGTL ISO 1KV 5CH GEN PURP 16QSOP
In stock: 29048 pcs
RFQ

ADUM7510BRWZ
Manufacturers: ADI (Analog Devices, Inc.)
Description: DGTL ISO 1KV 5CH GEN PURP
In stock: 6513 pcs
RFQ