## ADUM7442CRQZ-RL7 Details PDF





product details.

ADI (Analog Devices, Inc.)

# 

Image may be representation. See specifications for

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**

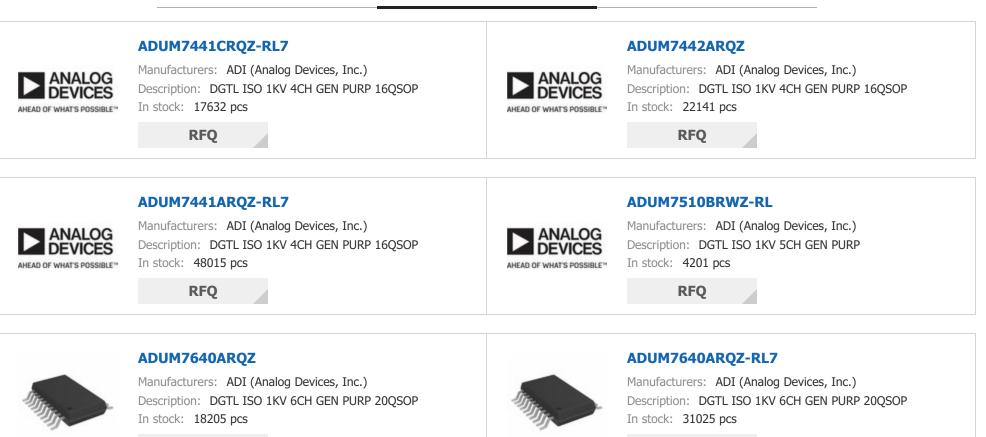
## Specifications of ADUM7442CRQZ-RL7

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	DUM7442CRQZ-RL7.pdf
VOLTAGE - SUPPLY	3 V ~ 5.5 V
VOLTAGE - ISOLATION	1000Vrms
ТҮРЕ	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
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Analog Devices Inc. ADUM7442CRQZ-RL7	Analog Devices, Inc. ADUM7442CRQZ-RL7	

# **Related Products**



RFQ

#### ADUM7442CRQZ

RFQ



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

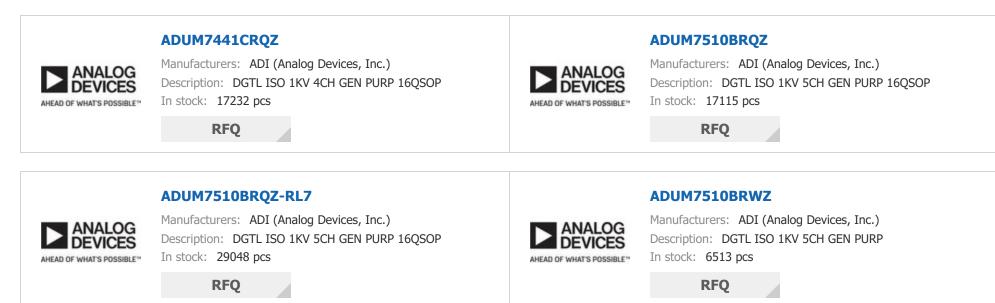
RFQ

#### ADUM7442ARQZ-RL7



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

RFQ



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