



ADI (Analog Devices, Inc.)

ADUM1442ARQZ-RL7

Part Number:	ADUM1442ARQZ-RL7
Manufacturer/Brand:	ADI (Analog Devices, Inc.)
Product description:	DGTL ISO 2.5KV GEN PURP 16QSOP
Datasheets:	ADUM1442ARQZ-RL7.pdf
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	35401 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 ADUM1442ARQZ-RL7

PART NUMBER	ADUM1442ARQZ-RL7
MANUFACTURER	ADI (Analog Devices, Inc.)
DESCRIPTION	DGTL ISO 2.5KV GEN PURP 16QSOP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	35401 pcs
DATA SHEET	ADUM1442ARQZ-RL7.pdf
VOLTAGE - SUPPLY	2.25 V ~ 3.6 V
VOLTAGE - ISOLATION	2500Vrms
TYPE	General Purpose
TECHNOLOGY	Magnetic Coupling
SUPPLIER DEVICE PACKAGE	16-QSOP
SERIES	iCoupler®
RISE / FALL TIME (TYP)	2ns, 2ns
PULSE WIDTH DISTORTION (MAX)	8ns
PROPAGATION DELAY TPLH / TPHL (MAX)	180ns, 180ns
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	16-SSOP (0.154", 3.90mm Width)
OPERATING TEMPERATURE	-40°C ~ 125°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 2500Vrms 4 Channel 2Mbps 25kV/μs CMTI 16-SSOP (0.154", 3.90mm Width)
DATA RATE	2Mbps
COMMON MODE TRANSIENT IMMUNITY (MIN)	25kV/μs
CHANNEL TYPE	Unidirectional
BASE PART NUMBER	ADUM1442

Related Tags

ADI (Analog Devices, Inc.) ADUM1442ARQZ-RL7	ADUM1442ARQZ-RL7 Distributor	ADUM1442ARQZ-RL7 Supplier
ADUM1442ARQZ-RL7 Price	ADUM1442ARQZ-RL7 Pictures	ADUM1442ARQZ-RL7 Image
ADUM1442ARQZ-RL7 PDF Datasheet	ADUM1442ARQZ-RL7 Download Datasheet	ADUM1442ARQZ-RL7 Datasheet
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Analog Devices Inc. ADUM1442ARQZ-RL7	Analog Devices, Inc. ADUM1442ARQZ-RL7	

Related Products

<p>ADUM1445ARQZ Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 2.5KV GEN PURP 16QSOP In stock: 19628 pcs</p> <p>RFQ</p>	<p>ADUM1440ARSZ-RL7 Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 3.75KV GEN PURP 20SSOP In stock: 26053 pcs</p> <p>RFQ</p>
<p>ADUM1441ARSZ-RL7 Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 3.75KV GEN PURP 20SSOP In stock: 26396 pcs</p> <p>RFQ</p>	<p>ADUM1441ARQZ-RL7 Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 2.5KV GEN PURP 16QSOP In stock: 33622 pcs</p> <p>RFQ</p>
<p>ADUM1442ARSZ-RL7 Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 3.75KV GEN PURP 20SSOP In stock: 23525 pcs</p> <p>RFQ</p>	<p>ADUM1441ARSZ Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 3.75KV GEN PURP 20SSOP In stock: 13681 pcs</p> <p>RFQ</p>
<p>ADUM1442ARSZ Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 3.75KV GEN PURP 20SSOP In stock: 12503 pcs</p> <p>RFQ</p>	<p>ADUM1445ARQZ-RL7 Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 2.5KV GEN PURP 16QSOP In stock: 37415 pcs</p> <p>RFQ</p>
<p>ADUM1445ARSZ-RL7 Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 3.75KV GEN PURP 20SSOP In stock: 25452 pcs</p> <p>RFQ</p>	<p>ADUM1441ARQZ Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 2.5KV GEN PURP 16QSOP In stock: 15425 pcs</p> <p>RFQ</p>
<p>ADUM1442ARQZ Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 2.5KV GEN PURP 16QSOP In stock: 15374 pcs</p> <p>RFQ</p>	<p>ADUM1445ARSZ Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 3.75KV GEN PURP 20SSOP In stock: 16170 pcs</p> <p>RFQ</p>