ocean-components.com

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
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
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)
MANUFACTURER STANDARD LEAD TIME	21 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 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
ADUM1442ARQZ-RL7 Stock	Buy ADUM1442ARQZ-RL7	Buy ADI (Analog Devices, Inc.) ADUM1442ARQZ-RL7
ADI (Analog Devices, Inc.) ADUM1442ARQZ-RL7	ADI (Analog Devices, Inc.) Supplier	ADI (Analog Devices, Inc.) Distributor
ADI (Analog Devices, Inc.) ADUM1442ARQZ-RL7	AD ADUM1442ARQZ-RL7	ADI (Analog Devices, Inc.) ADUM1442ARQZ-RL7
Analog Devices Inc. ADUM1442ARQZ-RL7	Analog Devices, Inc. ADUM1442ARQZ-RL7	

Related Products

ADUM1441ARSZ-RL7
Manufacturers: ADI (Analog Devices, Inc.)
Description: DGTL ISO 3.75KV GEN PURP 20SSOP
In stock: Out stock
RFQ

ADUM1441ARQZ-RL7
Manufacturers: ADI (Analog Devices, Inc.)
Description: DGTL ISO 2.5KV GEN PURP 16QSOP
In stock: Out stock
RFQ

ADUM1442ARQZ
Manufacturers: ADI (Analog Devices, Inc.)
Description: DGTL ISO 2.5KV GEN PURP 16QSOP
In stock: Out stock
RFQ

ADUM1440ARSZ-RL7
Manufacturers: ADI (Analog Devices, Inc.)
Description: DGTL ISO 3.75KV GEN PURP 20SSOP
In stock: Out stock
RFQ

ADUM1445ARQZ
Manufacturers: ADI (Analog Devices, Inc.)
Description: DGTL ISO 2.5KV GEN PURP 16QSOP
In stock: 312 pcs
RFQ

ADUM1445ARSZ
Manufacturers: ADI (Analog Devices, Inc.)
Description: DGTL ISO 3.75KV GEN PURP 20SSOP
In stock: 198 pcs
RFQ

ADUM1442ARSZ
Manufacturers: ADI (Analog Devices, Inc.)
Description: DGTL ISO 3.75KV GEN PURP 20SSOP
In stock: 51 pcs
RFQ

ADUM1441ARQZ
Manufacturers: ADI (Analog Devices, Inc.)
Description: DGTL ISO 2.5KV GEN PURP 16QSOP
In stock: Out stock
RFQ

ADUM1445ARQZ-RL7
Manufacturers: ADI (Analog Devices, Inc.)
Description: DGTL ISO 2.5KV GEN PURP 16QSOP
In stock: Out stock
RFQ

ADUM1442ARSZ-RL7
Manufacturers: ADI (Analog Devices, Inc.)
Description: DGTL ISO 3.75KV GEN PURP 20SSOP
In stock: Out stock
RFQ

ADUM1445ARSZ-RL7
Manufacturers: ADI (Analog Devices, Inc.)
Description: DGTL ISO 3.75KV GEN PURP 20SSOP
In stock: Out stock
RFQ

ADUM1441ARSZ
Manufacturers: ADI (Analog Devices, Inc.)
Description: DGTL ISO 3.75KV GEN PURP 20SSOP
In stock: 400 pcs
RFQ