





ADI (Analog Devices, Inc.)




Image may be representation. See specifications for product details.

ADUM7510BRQZ-RL7

Part Number:	ADUM7510BRQZ-RL7
Manufacturer/Brand:	ADI (Analog Devices, Inc.)
Product description	DGTL ISO 1KV 5CH GEN PURP 16QSOP
Datasheets:	 ADUM7510BRQZ-RL7.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	29048 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION













Specifications of ADUM7510BRQZ-RL7

PART NUMBER	ADUM7510BRQZ-RL7
MANUFACTURER	ADI (Analog Devices, Inc.)
DESCRIPTION	DGTL ISO 1KV 5CH GEN PURP 16QSOP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	29048 pcs
DATA SHEET	 ADUM7510BRQZ-RL7.pdf
VOLTAGE - SUPPLY	4.5 V ~ 5.5 V
VOLTAGE - ISOLATION	1000Vrms
TYPE	General Purpose
TECHNOLOGY	Magnetic Coupling
SUPPLIER DEVICE PACKAGE	16-QSOP
SERIES	iCoupler®
RISE / FALL TIME (TYP)	2.5ns, 2.5ns
PULSE WIDTH DISTORTION (MAX)	5ns
PROPAGATION DELAY TPLH / TPHL (MAX)	40ns, 40ns
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	16-SSOP (0.154", 3.90mm Width)
OTHER NAMES	ADUM7510BRQZ-RL7-ND ADUM7510BRQZ-RL7TR
OPERATING TEMPERATURE	-40°C ~ 105°C
NUMBER OF CHANNELS	5
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	5/0
DETAILED DESCRIPTION	General Purpose Digital Isolator 1000Vrms 5 Channel 10Mbps 10kV/μs CMTI 16-SSOP (0.154", 3.90mm Width)
DATA RATE	10Mbps
COMMON MODE TRANSIENT IMMUNITY (MIN)	10kV/μs
CHANNEL TYPE	Unidirectional
BASE PART NUMBER	ADUM7510

Related Tags

ADI (Analog Devices, Inc.) ADUM7510BRQZ-RL7	ADUM7510BRQZ-RL7 Distributor	ADUM7510BRQZ-RL7 Supplier
ADUM7510BRQZ-RL7 Price	ADUM7510BRQZ-RL7 Pictures	ADUM7510BRQZ-RL7 Image
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Analog Devices Inc. ADUM7510BRQZ-RL7	Analog Devices, Inc. ADUM7510BRQZ-RL7	

Related Products

<div><div>ADUM7442CRQZ</div><div>Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 1KV 4CH GEN PURP 16QSOP In stock: 15213 pcs</div><div>RFQ</div></div>	<div><div>ADUM7640ARQZ-RL7</div><div>Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 1KV 6CH GEN PURP 20QSOP In stock: 31025 pcs</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: 22141 pcs</div><div>RFQ</div></div>	<div><div>ADUM7640ARQZ</div><div>Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 1KV 6CH GEN PURP 20QSOP In stock: 18205 pcs</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: 34104 pcs</div><div>RFQ</div></div>	<div><div>ADUM7442ARQZ-RL7</div><div>Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 1KV 4CH GEN PURP 16QSOP In stock: 41679 pcs</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: 17632 pcs</div><div>RFQ</div></div>	<div><div>ADUM7510BRWZ</div><div>Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 1KV 5CH GEN PURP In stock: 6513 pcs</div><div>RFQ</div></div>
<div><div>ADUM7510BRWZ-RL</div><div>Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 1KV 5CH GEN PURP In stock: 4201 pcs</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: 17115 pcs</div><div>RFQ</div></div>
<div><div>ADUM7640CRQZ-RL7</div><div>Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 1KV 6CH GEN PURP 20QSOP In stock: 11214 pcs</div><div>RFQ</div></div>	<div><div>ADUM7640CRQZ</div><div>Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 1KV 6CH GEN PURP 20QSOP In stock: 12394 pcs</div><div>RFQ</div></div>