



ADI (Analog Devices, Inc.)

## ADUM150N0BRZ

Part Number:	ADUM150N0BRZ
Manufacturer/Brand:	ADI (Analog Devices, Inc.)
Product description:	DGTL ISO 3KV GEN PURP 16SOIC
Datasheets:	<a href="#">ADUM150N0BRZ.pdf</a>
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	11897 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 ADUM150N0BRZ

PART NUMBER	ADUM150N0BRZ
MANUFACTURER	ADI (Analog Devices, Inc.)
DESCRIPTION	DGTL ISO 3KV GEN PURP 16SOIC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	11897 pcs
DATA SHEET	<a href="#">ADUM150N0BRZ.pdf</a>
VOLTAGE - SUPPLY	1.7 V ~ 5.5 V
VOLTAGE - ISOLATION	3000Vrms
TYPE	General Purpose
TECHNOLOGY	Magnetic Coupling
SUPPLIER DEVICE PACKAGE	16-SOIC
SERIES	iCoupler®
RISE / FALL TIME (TYP)	2.5ns, 2.5ns
PULSE WIDTH DISTORTION (MAX)	4.5ns
PROPAGATION DELAY TPLH / TPHL (MAX)	13ns, 13ns
PACKAGING	Tube
PACKAGE / CASE	16-SOIC (0.154", 3.90mm Width)
OPERATING TEMPERATURE	-40°C ~ 125°C
NUMBER OF CHANNELS	5
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
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 3000Vrms 5 Channel 150Mbps 75kV/μs CMTI 16-SOIC (0.154", 3.90mm Width)
DATA RATE	150Mbps
COMMON MODE TRANSIENT IMMUNITY (MIN)	75kV/μs
CHANNEL TYPE	Unidirectional
BASE PART NUMBER	ADUM150

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### Related Products

<p><b>ADUM1447ARSZ</b> Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 3.75KV GEN PURP 20SSOP In stock: 14448 pcs</p> <p><b>RFQ</b></p>	<p><b>ADUM150N1BRZ-RL7</b> Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 3KV GEN PURP 16SOIC In stock: 24096 pcs</p> <p><b>RFQ</b></p>
<p><b>ADUM150N0BRZ-RL7</b> Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 3KV GEN PURP 16SOIC In stock: 19841 pcs</p> <p><b>RFQ</b></p>	<p><b>ADUM1510BRWZ</b> Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 2.5KV GEN PURP 16SOIC In stock: 8022 pcs</p> <p><b>RFQ</b></p>
<p><b>ADUM150N1BRZ</b> Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 3KV GEN PURP 16SOIC In stock: 14019 pcs</p> <p><b>RFQ</b></p>	<p><b>ADUM1447ARQZ-RL7</b> Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 2.5KV GEN PURP 16QSOP In stock: 38282 pcs</p> <p><b>RFQ</b></p>
<p><b>ADUM1447ARSZ-RL7</b> Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 3.75KV GEN PURP 20SSOP In stock: 25878 pcs</p> <p><b>RFQ</b></p>	<p><b>ADUM1447ARQZ</b> Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 2.5KV GEN PURP 16QSOP In stock: 19963 pcs</p> <p><b>RFQ</b></p>
<p><b>ADUM151N0BRZ</b> Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 3KV GEN PURP 16SOIC In stock: 12035 pcs</p> <p><b>RFQ</b></p>	<p><b>ADUM1446ARSZ</b> Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 3.75KV GEN PURP 20SSOP In stock: 15425 pcs</p> <p><b>RFQ</b></p>
<p><b>ADUM1510BRWZ-RL</b> Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 2.5KV GEN PURP 16SOIC In stock: 14555 pcs</p> <p><b>RFQ</b></p>	<p><b>ADUM1446ARSZ-RL7</b> Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 3.75KV GEN PURP 20SSOP In stock: 22282 pcs</p> <p><b>RFQ</b></p>

