**ANALOG DEVICES** ADI (Analog Devices, Inc.)

## ADUM7442ARQZ

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|---|---|
| Part Number: | ADUM7442ARQZ |
| Manufacturer/Brand: | ADI (Analog Devices, Inc.) |
| Product description | DGTL ISO 1KV 4CH GEN PURP 16QSOP |
| Datasheets: | 📄 ADUM7442ARQZ.pdf |
| RoHS Status | ✅ Lead free / RoHS Compliant |
| Stock Condition | 22141 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.

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## Specifications of ADUM7442ARQZ

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|---|---|
| PART NUMBER | ADUM7442ARQZ |
| MANUFACTURER | ADI (Analog Devices, Inc.) |
| DESCRIPTION | DGTL ISO 1KV 4CH GEN PURP 16QSOP |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant |
| QUANTITY AVAILABLE | 22141 pcs |
| DATA SHEET | 📄 ADUM7442ARQZ.pdf |
| VOLTAGE - SUPPLY | 3 V ~ 5.5 V |
| VOLTAGE - ISOLATION | 1000Vrms |
| TYPE | General Purpose |
| TECHNOLOGY | Magnetic Coupling |
| SUPPLIER DEVICE PACKAGE | 16-QSOP |
| SERIES | iCoupler® |
| RISE / FALL TIME (TYP) | 2ns, 2ns |
| PULSE WIDTH DISTORTION (MAX) | 25ns |
| PROPAGATION DELAY TPLH / TPHL (MAX) | 75ns, 75ns |
| PACKAGING | Tube |
| PACKAGE / CASE | 16-SSOP (0.154", 3.90mm Width) |
| 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 1Mbps 15kV/μs CMTI 16-SSOP (0.154", 3.90mm Width) |
| DATA RATE | 1Mbps |
| COMMON MODE TRANSIENT IMMUNITY (MIN) | 15kV/μs |
| CHANNEL TYPE | Unidirectional |
| BASE PART NUMBER | ADUM7442 |

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## Related Tags

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|---|---|---|
| ADI (Analog Devices, Inc.) ADUM7442ARQZ | ADUM7442ARQZ Distributor | ADUM7442ARQZ Supplier |
| ADUM7442ARQZ Price | ADUM7442ARQZ Pictures | ADUM7442ARQZ Image |
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| Analog Devices Inc. ADUM7442ARQZ | Analog Devices, Inc. ADUM7442ARQZ | |

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## Related Products

**ADUM7510BRWZ**
Manufacturers: ADI (Analog Devices, Inc.)
Description: DGTL ISO 1KV 5CH GEN PURP
In stock: 6513 pcs
**RFQ**

**ADUM7442CRQZ-RL7**
Manufacturers: ADI (Analog Devices, Inc.)
Description: DGTL ISO 1KV 4CH GEN PURP 16QSOP
In stock: 34104 pcs
**RFQ**

**ADUM7510BRQZ-RL7**
Manufacturers: ADI (Analog Devices, Inc.)
Description: DGTL ISO 1KV 5CH GEN PURP 16QSOP
In stock: 29048 pcs
**RFQ**

**ADUM7441CRQZ-RL7**
Manufacturers: ADI (Analog Devices, Inc.)
Description: DGTL ISO 1KV 4CH GEN PURP 16QSOP
In stock: 17632 pcs
**RFQ**

**ADUM7441ARQZ-RL7**
Manufacturers: ADI (Analog Devices, Inc.)
Description: DGTL ISO 1KV 4CH GEN PURP 16QSOP
In stock: 48015 pcs
**RFQ**

**ADUM7440CRQZ**
Manufacturers: ADI (Analog Devices, Inc.)
Description: DGTL ISO 1KV 4CH GEN PURP 16QSOP
In stock: 17882 pcs
**RFQ**

**ADUM7442CRQZ**
Manufacturers: ADI (Analog Devices, Inc.)
Description: DGTL ISO 1KV 4CH GEN PURP 16QSOP
In stock: 15213 pcs
**RFQ**

**ADUM7441CRQZ**
Manufacturers: ADI (Analog Devices, Inc.)
Description: DGTL ISO 1KV 4CH GEN PURP 16QSOP
In stock: 17232 pcs
**RFQ**

**ADUM7442ARQZ-RL7**
Manufacturers: ADI (Analog Devices, Inc.)
Description: DGTL ISO 1KV 4CH GEN PURP 16QSOP
In stock: 41679 pcs
**RFQ**

**ADUM7510BRQZ**
Manufacturers: ADI (Analog Devices, Inc.)
Description: DGTL ISO 1KV 5CH GEN PURP 16QSOP
In stock: 17115 pcs
**RFQ**

**ADUM7441ARQZ**
Manufacturers: ADI (Analog Devices, Inc.)
Description: DGTL ISO 1KV 4CH GEN PURP 16QSOP
In stock: 23059 pcs
**RFQ**

**ADUM7440CRQZ-RL7**
Manufacturers: ADI (Analog Devices, Inc.)
Description: DGTL ISO 1KV 4CH GEN PURP 16QSOP
In stock: 27401 pcs
**RFQ**

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