





ADI (Analog Devices, Inc.)




Image may be representation. See specifications for product details.

ADUM1445ARQZ

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| Part Number: | ADUM1445ARQZ |
| Manufacturer/Brand: | ADI (Analog Devices, Inc.) |
| Product description | DGTL ISO 2.5KV GEN PURP 16QSOP |
| Datasheets: |  ADUM1445ARQZ.pdf |
| RoHs Status |  Lead free / RoHS Compliant |
| Stock Condition | 19628 pcs stock |
| Ship From | Hong Kong |
| Shipment Way | DHL/Fedex/TNT/UPS/EMS |

REQUEST FOR QUOTATION













Specifications of ADUM1445ARQZ

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| PART NUMBER | ADUM1445ARQZ |
| MANUFACTURER | ADI (Analog Devices, Inc.) |
| DESCRIPTION | DGTL ISO 2.5KV GEN PURP 16QSOP |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant |
| QUANTITY AVAILABLE | 19628 pcs |
| DATA SHEET |  ADUM1445ARQZ.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 | Tube |
| 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 | 4/0 |
| 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 | ADUM1445 |

Related Tags

| | | |
|---|-------------------------------------|---|
| ADI (Analog Devices, Inc.) ADUM1445ARQZ | ADUM1445ARQZ Distributor | ADUM1445ARQZ Supplier |
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| Analog Devices Inc. ADUM1445ARQZ | Analog Devices, Inc. ADUM1445ARQZ | |

Related Products

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| <div><div>ADUM1442ARQZ-RL7</div><div>Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 2.5KV GEN PURP 16QSOP In stock: 35401 pcs</div><div>RFQ</div></div> | <div><div>ADUM1446ARQZ</div><div>Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 2.5KV GEN PURP 16QSOP In stock: 16575 pcs</div><div>RFQ</div></div> |
| <div><div>ADUM1442ARSZ</div><div>Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 3.75KV GEN PURP 20SSOP In stock: 12503 pcs</div><div>RFQ</div></div> | <div><div>ADUM1445ARQZ-RL7</div><div>Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 2.5KV GEN PURP 16QSOP In stock: 37415 pcs</div><div>RFQ</div></div> |
| <div><div>ADUM1441ARSZ</div><div>Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 3.75KV GEN PURP 20SSOP In stock: 13681 pcs</div><div>RFQ</div></div> | <div><div>ADUM1441ARSZ-RL7</div><div>Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 3.75KV GEN PURP 20SSOP In stock: 26396 pcs</div><div>RFQ</div></div> |
| <div><div>ADUM1442ARSZ-RL7</div><div>Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 3.75KV GEN PURP 20SSOP In stock: 23525 pcs</div><div>RFQ</div></div> | <div><div>ADUM1445ARSZ</div><div>Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 3.75KV GEN PURP 20SSOP In stock: 16170 pcs</div><div>RFQ</div></div> |
| <div><div>ADUM1446ARQZ-RL7</div><div>Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 2.5KV GEN PURP 16QSOP In stock: 29588 pcs</div><div>RFQ</div></div> | <div><div>ADUM1446ARSZ</div><div>Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 3.75KV GEN PURP 20SSOP In stock: 15425 pcs</div><div>RFQ</div></div> |
| <div><div>ADUM1442ARQZ</div><div>Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 2.5KV GEN PURP 16QSOP In stock: 15374 pcs</div><div>RFQ</div></div> | <div><div>ADUM1445ARSZ-RL7</div><div>Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 3.75KV GEN PURP 20SSOP In stock: 25452 pcs</div><div>RFQ</div></div> |