



Image may be representation.
See specifications for product details.

ADUM3442CRWZ

Part Number: **ADUM3442CRWZ**
 Product Description: DGTL ISO 2.5KV GEN PURP 16SOIC
 RoHS Status: Lead free / RoHS Compliant
 Datasheets: [ADUM3442CRWZ.pdf](#)

Manufacturer/Brand: Anaren
 Ship From: Hong Kong
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

[SUBMIT RFQ](#)

Product details

| | | | |
|---|----------------------------------|--|---|
| Part Number | ADUM3442CRWZ | Manufacturer | Anaren |
| Description | DGTL ISO 2.5KV GEN PURP 16SOIC | Lead Free Status / RoHS Status | Lead free / RoHS Compliant |
| Data sheet | ADUM3442CRWZ.pdf | | |
| Voltage - Forward (Vf) (Typ) | 2ns | Voltage - Breakdown | 16-SOIC |
| Type | General Purpose | Technology | Magnetic Coupling |
| Shell Style | 3 V ~ 5.5 V | Series | iCoupler® |
| RoHS Status | Tube | Pulse Width Distortion (Max) | 32ns, 32ns |
| Propagation Delay tpLH / tpHL (Max) | 25kV/μs | Polarization | 16-SOIC (0.295", 7.50mm Width) |
| Operating Temperature | -40°C ~ 105°C | Number of Channels | 4 |
| Moisture Sensitivity Level (MSL) | 1 (Unlimited) | Manufacturer Part Number | ADUM3442CRWZ |
| Inputs - Side 1/Side 2 | No | High Side Voltage - Max (Bootstrap) | 2.5ns, 2.5ns |
| Frequency - Cutoff or Center | 150Mbps | Expanded Description | General Purpose Digital Isolator 2500Vrms 4 Channel 150Mbps 25kV/μs CMTI 16-SOIC (0.295", 7.50mm Width) |
| Description | DGTL ISO 2.5KV GEN PURP 16SOIC | Current - Breakover | 2500Vrms |
| Common Mode Transient Immunity (Min) | 2/2 | Channels per Circuit | Unidirectional |

Related Products

| | |
|---|---|
| <p>ADUM3470WARSZ Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 2.5KV GEN PURP 20SSOP Download: ADUM3470WARSZ.pdf</p> <p>RFQ</p> | <p>ADUM3402WBRWZ-RL Manufacturers: ADI (Analog Devices, Inc.) Description: IC DGTL ISO 4CH LOGIC 16SOIC Download: ADUM3402WBRWZ-RL.pdf</p> <p>RFQ</p> |
| <p>ADUM3470ARSZ-RL7 Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 2.5KV GEN PURP 20SSOP Download: ADUM3470ARSZ-RL7.pdf</p> <p>RFQ</p> | <p>ADUM3402WBRWZ Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 2.5KV GEN PURP 16SOIC Download: ADUM3402WBRWZ.pdf</p> <p>RFQ</p> |
| <p>ADUM3470CRSZ Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 2.5KV GEN PURP 20SSOP Download: ADUM3470CRSZ.pdf</p> <p>RFQ</p> | <p>ADUM3440CRWZ-RL Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 2.5KV GEN PURP 16SOIC Download: ADUM3440CRWZ-RL.pdf</p> <p>RFQ</p> |
| <p>ADUM3442CRWZ-RL Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 2.5KV GEN PURP 16SOIC Download: ADUM3442CRWZ-RL.pdf</p> <p>RFQ</p> | <p>ADUM3441CRWZ Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 2.5KV GEN PURP 16SOIC Download: ADUM3441CRWZ.pdf</p> <p>RFQ</p> |
| <p>ADUM3470ARSZ Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 2.5KV GEN PURP 20SSOP Download: ADUM3470ARSZ.pdf</p> <p>RFQ</p> | <p>ADUM3470CRSZ-RL7 Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 2.5KV GEN PURP 20SSOP Download: ADUM3470CRSZ-RL7.pdf</p> <p>RFQ</p> |
| <p>ADUM3440CRWZ Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 2.5KV GEN PURP 16SOIC Download: ADUM3440CRWZ.pdf</p> <p>RFQ</p> | <p>ADUM3441CRWZ-RL Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 2.5KV GEN PURP 16SOIC Download: ADUM3441CRWZ-RL.pdf</p> <p>RFQ</p> |

Related tags

- Anaren ADUM3442CRWZ
- ADUM3442CRWZ Price
- ADUM3442CRWZ PDF Datasheet
- ADUM3442CRWZ Stock
- Anaren ADUM3442CRWZ
- Anaren ADUM3442CRWZ
- ADUM3442CRWZ Distributor
- ADUM3442CRWZ Pictures
- ADUM3442CRWZ Download Datasheet
- Buy ADUM3442CRWZ
- Anaren Supplier
- ADUM3442CRWZ Supplier
- ADUM3442CRWZ Image
- ADUM3442CRWZ Datasheet
- Buy Anaren ADUM3442CRWZ
- Anaren Distributor