## ISO7342FCQDWQ1 Information

| | | |
|---|---|---|
| **Part Number** | ISO7342FCQDWQ1 | |
| **Manufacturer** | Texas Instruments | |
| **Category** | Isolators | |
| | Digital Isolators | |
| **Description** | DGTL ISO 3KV 4CH GEN PURP 16SOIC | |
| **Package** | 16-SOIC (0.295", 7.50mm Width) | |

For Reference Only

For the pricing/inventory/lead time, please contact us
Website: https://www.heisener.com
E-mail: salesdept@heisener.com

**Request a Quote**

## Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.

## ISO7342FCQDWQ1 Specifications

| | |
|---|---|
| Manufacturer Part Number | ISO7342FCQDWQ1 |
| Manufacturer | Texas Instruments |
| Category | Isolators |
| | Digital Isolators |
| Package | 16-SOIC (0.295", 7.50mm Width) |
| Series | Automotive, AEC-Q100 |
| Technology | Capacitive Coupling |
| Type | General Purpose |
| Isolated Power | No |
| Number of Channels | 4 |
| Inputs - Side 1/Side 2 | 2/2 |
| Channel Type | Unidirectional |
| Voltage - Isolation | 3000Vrms |
| Common Mode Transient Immunity (Min) | 25kV/µs |
| Data Rate | 25Mbps |
| Propagation Delay tpLH / tpHL (Max) | 58ns, 58ns |
| Pulse Width Distortion (Max) | 4.1ns |
| Rise / Fall Time (Typ) | 2.1ns, 1.7ns |
| Voltage - Supply | 3 V ~ 5.5 V |
| Operating Temperature | -40°C ~ 125°C |
| Package / Case | 16-SOIC (0.295", 7.50mm Width) |
| Supplier Device Package | 16-SOIC |

Report errors?

## ISO7342FCQDWQ1 Guarantees

**Quality Guarantees**
We provide 90 days warranty. *
If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.

**Service Guarantees**
We guarantee 100% customer satisfaction.
Our experienced sales team and tech support team back our services to satisfy all our customers.

## ISO7342FCQDWQ1 Payment Methods

## ISO7342FCQDWQ1 Shipping Methods

If you have any question about ISO7342FCQDWQ1, please do not hesitate to contact us!
Website: https://www.heisener.com
E-mail: salesdept@heisener.com