

**ISO7142CCQDBQRQ1 Information**


For Reference Only

**Part Number** [ISO7142CCQDBQRQ1](#)  
**Manufacturer** Texas Instruments  
**Category** Isolators  
[Digital Isolators](#)  
**Description** IC DGTL ISO 2.5KV GP 16SSOP AUTO  
**Package** 16-SSOP (0.154", 3.90mm Width)  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto: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.


**ISO7142CCQDBQRQ1 Specifications**

Manufacturer Part Number	<a href="#">ISO7142CCQDBQRQ1</a>
Manufacturer	Texas Instruments
Category	Isolators <a href="#">Digital Isolators</a>
Package	16-SSOP (0.154", 3.90mm 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	2500Vrms
Common Mode Transient Immunity (Min)	25kV/μs
Data Rate	50Mbps
Propagation Delay tpLH / tpHL (Max)	38ns, 38ns
Pulse Width Distortion (Max)	3.5ns
Rise / Fall Time (Typ)	2.5ns, 2.1ns
Voltage - Supply	2.7 V ~ 5.5 V
Operating Temperature	-40°C ~ 125°C
Package / Case	16-SSOP (0.154", 3.90mm Width)
Supplier Device Package	16-SSOP

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## ISO7142CCQDBQRQ1 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.

## ISO7142CCQDBQRQ1 Payment Methods



## ISO7142CCQDBQRQ1 Shipping Methods



If you have any question about ISO7142CCQDBQRQ1, please do not hesitate to contact us!

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