

ISO7142CCQDBQQ1 Information


For Reference Only

Part Number [ISO7142CCQDBQQ1](#)
Manufacturer Texas Instruments
Category Isolators
[Digital Isolators](#)
Description DG ISO 2.5KV 4CH GEN PRP 16SSOP
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



[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.


ISO7142CCQDBQQ1 Specifications

Manufacturer Part Number	ISO7142CCQDBQQ1
Manufacturer	Texas Instruments
Category	Isolators Digital Isolators
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/ μ s
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	-55°C ~ 125°C
Package / Case	16-SSOP (0.154", 3.90mm Width)
Supplier Device Package	16-SSOP

[Report errors?](#)

ISO7142CCQDBQQ1 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.

ISO7142CCQDBQQ1 Payment Methods



ISO7142CCQDBQQ1 Shipping Methods



If you have any question about ISO7142CCQDBQQ1, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: salesdept@heisener.com