

ISO7742QDWQ1 Information


For Reference Only

Part Number [ISO7742QDWQ1](#)
Manufacturer Texas Instruments
Category Isolators
[Digital Isolators](#)
Description DGTL ISO 5KV 4CH GEN PRP 16SOIC
Package 16-SOIC (0.295", 7.50mm 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.


ISO7742QDWQ1 Specifications

Manufacturer Part Number	ISO7742QDWQ1
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	5000Vrms
Common Mode Transient Immunity (Min)	40kV/μs
Data Rate	100Mbps
Propagation Delay tpLH / tpHL (Max)	16ns, 16ns
Pulse Width Distortion (Max)	4.9ns
Rise / Fall Time (Typ)	2.4ns, 2.4ns
Voltage - Supply	2.25 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?](#)

ISO7742QDWQ1 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.

ISO7742QDWQ1 Payment Methods



ISO7742QDWQ1 Shipping Methods



If you have any question about ISO7742QDWQ1, please do not hesitate to contact us!

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

E-mail: salesdept@heisener.com