

ISO1541QDQ1 Information


For Reference Only

Part Number [ISO1541QDQ1](#)
Manufacturer Texas Instruments
Category Isolators
[Digital Isolators](#)
Description DGTL ISO 2.5KV 2CH I2C 8SOIC
Package 8-SOIC (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.


ISO1541QDQ1 Specifications

| | |
|--------------------------------------|--|
| Manufacturer Part Number | ISO1541QDQ1 |
| Manufacturer | Texas Instruments |
| Category | Isolators Digital Isolators |
| Package | 8-SOIC (0.154", 3.90mm Width) |
| Series | Automotive, AEC-Q100 |
| Technology | Capacitive Coupling |
| Type | I2C |
| Isolated Power | No |
| Number of Channels | 2 |
| Inputs - Side 1/Side 2 | 2/1 |
| Channel Type | Bidirectional, Unidirectional |
| Voltage - Isolation | 2500Vrms |
| Common Mode Transient Immunity (Min) | 25kV/μs |
| Data Rate | 1Mbps |
| Propagation Delay tpLH / tpHL (Max) | - |
| Pulse Width Distortion (Max) | 80ns, 21ns |
| Rise / Fall Time (Typ) | - |
| Voltage - Supply | 3 V ~ 5.5 V |
| Operating Temperature | -40°C ~ 125°C |
| Package / Case | 8-SOIC (0.154", 3.90mm Width) |
| Supplier Device Package | 8-SOIC |

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ISO1541QDQ1 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.

ISO1541QDQ1 Payment Methods



ISO1541QDQ1 Shipping Methods



If you have any question about ISO1541QDQ1, please do not hesitate to contact us!

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