

IL3185E Information


For Reference Only

Part Number [IL3185E](#)
Manufacturer NVE Corp/Isolation Products
Category Isolators
[Digital Isolators](#)
Description DGTL ISO RS422/RS485 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.


IL3185E Specifications

| | |
|--------------------------------------|--|
| Manufacturer Part Number | IL3185E |
| Manufacturer | NVE Corp/Isolation Products |
| Category | Isolators Digital Isolators |
| Package | 16-SOIC (0.295", 7.50mm Width) |
| Series | IsoLoop? |
| Technology | GMR (Giant Magnetoresistive) |
| Type | RS422, RS485 |
| Isolated Power | No |
| Number of Channels | 2 |
| Inputs - Side 1/Side 2 | 1/1 |
| Channel Type | Unidirectional |
| Voltage - Isolation | 2500Vrms |
| Common Mode Transient Immunity (Min) | 15kV/μs |
| Data Rate | 5Mbps |
| Propagation Delay tpLH / tpHL (Max) | - |
| Pulse Width Distortion (Max) | - |
| Rise / Fall Time (Typ) | 12ns, 12ns |
| Voltage - Supply | 3 V ~ 5.5 V, 4.5 V ~ 5.5 V |
| Operating Temperature | -40°C ~ 85°C |
| Package / Case | 16-SOIC (0.295", 7.50mm Width) |
| Supplier Device Package | 16-SOIC |

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IL3185E 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.

IL3185E Payment Methods



IL3185E Shipping Methods



If you have any question about IL3185E, please do not hesitate to contact us!

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