

IL3685E

IL3685E Information



Part NumberIL3685EManufacturerNVE Corp/Isolation ProductsCategoryIsolators
Digital IsolatorsDescriptionDG ISO 2.5KV RS422/RS485 16SOICPackage16-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

For Reference Only

Certified Quality

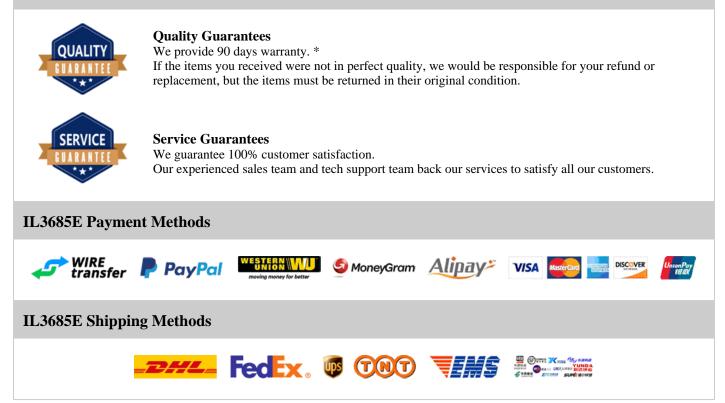
Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.



IL3685E Specifications

| Manufacturer Part Number | IL3685E |
|--------------------------------------|----------------------------------|
| Manufacturer | NVE Corp/Isolation Products |
| | |
| Category | Isolators |
| | Digital Isolators |
| Package | 16-SOIC (0.295", 7.50mm Width) |
| Series | IsoLoop? |
| Technology | GMR (Giant Magnetoresistive) |
| Туре | RS422, RS485 |
| Isolated Power | No |
| Number of Channels | 3 |
| Inputs - Side 1/Side 2 | 2/1 |
| Channel Type | Unidirectional |
| Voltage - Isolation | 2500Vrms |
| Common Mode Transient Immunity (Min) | 30kV/µs |
| Data Rate | 40Mbps |
| Propagation Delay tpLH / tpHL (Max) | 30ns, 30ns |
| Pulse Width Distortion (Max) | - |
| Rise / Fall Time (Typ) | - |
| 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 |
| | Report errors? |

IL3685E Guarantees



If you have any question about IL3685E, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com