

SI8610ED-B-ISR Information


For Reference Only

Part Number [SI8610ED-B-ISR](#)
Manufacturer Silicon Labs
Category Isolators
[Digital Isolators](#)
Description DGTL ISO 5KV 1CH GEN PURP 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.


SI8610ED-B-ISR Specifications

| | |
|--------------------------------------|--|
| Manufacturer Part Number | SI8610ED-B-ISR |
| Manufacturer | Silicon Labs |
| 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 | 1 |
| Inputs - Side 1/Side 2 | 1/0 |
| Channel Type | Unidirectional |
| Voltage - Isolation | 5000Vrms |
| Common Mode Transient Immunity (Min) | 35kV/μs |
| Data Rate | 150Mbps |
| Propagation Delay tpLH / tpHL (Max) | 13ns, 13ns |
| Pulse Width Distortion (Max) | 4.5ns |
| Rise / Fall Time (Typ) | 2.5ns, 2.5ns |
| Voltage - Supply | 2.5 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?](#)

SI8610ED-B-ISR 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.

SI8610ED-B-ISR Payment Methods



SI8610ED-B-ISR Shipping Methods



If you have any question about SI8610ED-B-ISR, please do not hesitate to contact us!

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