

SI8640EC-B-IS1R Information


For Reference Only

Part Number [SI8640EC-B-IS1R](#)
Manufacturer Silicon Labs
Category Isolators
[Digital Isolators](#)
Description DGTL ISO 3.75KV GEN PURP 16SOIC
Package 16-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.


SI8640EC-B-IS1R Specifications

| | |
|--------------------------------------|--|
| Manufacturer Part Number | SI8640EC-B-IS1R |
| Manufacturer | Silicon Labs |
| Category | Isolators Digital Isolators |
| Package | 16-SOIC (0.154", 3.90mm Width) |
| Series | Automotive, AEC-Q100 |
| Technology | Capacitive Coupling |
| Type | General Purpose |
| Isolated Power | No |
| Number of Channels | 4 |
| Inputs - Side 1/Side 2 | 4/0 |
| Channel Type | Unidirectional |
| Voltage - Isolation | 3750Vrms |
| 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 (0.154", 3.90mm Width) |
| Supplier Device Package | 16-SOIC |

[Report errors?](#)

SI8640EC-B-IS1R 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.

SI8640EC-B-IS1R Payment Methods



SI8640EC-B-IS1R Shipping Methods



If you have any question about SI8640EC-B-IS1R, please do not hesitate to contact us!

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