## SI8650AB-B-IS1 Information

| | |
|---|---|
| **Part Number** | SI8650AB-B-IS1 |
| **Manufacturer** | Silicon Labs |
| **Category** | Isolators |
| | Digital Isolators |
| **Description** | DGTL ISO 2.5KV 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

For Reference Only

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.

## SI8650AB-B-IS1 Specifications

| Manufacturer Part Number | SI8650AB-B-IS1 |
|---|---|
| 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 | 5 |
| Inputs - Side 1/Side 2 | 5/0 |
| Channel Type | Unidirectional |
| Voltage - Isolation | 2500Vrms |
| Common Mode Transient Immunity (Min) | 35kV/μs |
| Data Rate | 1Mbps |
| Propagation Delay tpLH / tpHL (Max) | 35ns, 35ns |
| Pulse Width Distortion (Max) | 25ns |
| 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?

## SI8650AB-B-IS1 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.

## SI8650AB-B-IS1 Payment Methods

## SI8650AB-B-IS1 Shipping Methods

If you have any question about SI8650AB-B-IS1, please do not hesitate to contact us!
Website: https://www.heisener.com
E-mail: salesdept@heisener.com