

SI8232BB-B-IS1 Information


For Reference Only

Part Number [SI8232BB-B-IS1](#)
Manufacturer Silicon Labs
Category Isolators
[Isolators - Gate Drivers](#)
Description DGTL ISO 2.5KV GATE DRVR 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.


SI8232BB-B-IS1 Specifications

| | |
|--------------------------------------|---|
| Manufacturer Part Number | SI8232BB-B-IS1 |
| Manufacturer | Silicon Labs |
| Category | Isolators Isolators - Gate Drivers |
| Package | 16-SOIC (0.154", 3.90mm Width) |
| Series | Automotive, AEC-Q100 |
| Technology | Capacitive Coupling |
| Number of Channels | 2 |
| Voltage - Isolation | 2500Vrms |
| Common Mode Transient Immunity (Min) | 20kV/μs |
| Propagation Delay tpLH / tpHL (Max) | 60ns, 60ns |
| Pulse Width Distortion (Max) | 5.6ns |
| Rise / Fall Time (Typ) | 20ns, 20ns (Max) |
| Current - Output High, Low | 250mA, 500mA |
| Current - Peak Output | 500mA |
| Voltage - Forward (Vf) (Typ) | - |
| Current - DC Forward (If) (Max) | - |
| Voltage - Supply | 9.4 V ~ 24 V |
| Operating Temperature | -40°C ~ 125°C |
| Mounting Type | Surface Mount |
| Package / Case | 16-SOIC (0.154", 3.90mm Width) |
| Supplier Device Package | 16-SOIC |
| Approvals | CQC, CSA, UR, VDE |

[Report errors?](#)

SI8232BB-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.

SI8232BB-B-IS1 Payment Methods



SI8232BB-B-IS1 Shipping Methods



If you have any question about SI8232BB-B-IS1, please do not hesitate to contact us!

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