

**SI8231BB-D-IS Information**


For Reference Only

**Part Number** [SI8231BB-D-IS](#)  
**Manufacturer** Silicon Labs  
**Category** Isolators  
[Isolators - Gate Drivers](#)  
**Description** DGTL ISO 2.5KV GATE DRVR 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](mailto: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.


**SI8231BB-D-IS Specifications**

Manufacturer Part Number	<a href="#">SI8231BB-D-IS</a>
Manufacturer	Silicon Labs
Category	Isolators <a href="#">Isolators - Gate Drivers</a>
Package	16-SOIC (0.295", 7.50mm 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 (0.295", 7.50mm Width)
Supplier Device Package	16-SOIC
Approvals	CQC, CSA, UR, VDE

[Report errors?](#)

## SI8231BB-D-IS 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.

## SI8231BB-D-IS Payment Methods



## SI8231BB-D-IS Shipping Methods



If you have any question about SI8231BB-D-IS, please do not hesitate to contact us!

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