

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


[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	SI8231BB-D-IS
Manufacturer	Silicon Labs
Category	Isolators Isolators - Gate Drivers
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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