

SI8275GB-IS1R Information


For Reference Only

Part Number [SI8275GB-IS1R](#)
Manufacturer Silicon Labs
Category Isolators
 [Isolators - Gate Drivers](#)
Description OPTOISO 2.5KV GATE DRVR 16SOIC
Package -
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: salesdept@heisener.com


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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.


SI8275GB-IS1R Specifications

Manufacturer Part Number	SI8275GB-IS1R
Manufacturer	Silicon Labs
Category	Isolators Isolators - Gate Drivers
Package	-
Series	Automotive, AEC-Q100
Technology	Capacitive Coupling
Number of Channels	2
Voltage - Isolation	2500Vrms
Common Mode Transient Immunity (Min)	150kV/μs
Propagation Delay tpLH / tpHL (Max)	60ns, 60ns
Pulse Width Distortion (Max)	8ns
Rise / Fall Time (Typ)	10.5ns, 13.3ns
Current - Output High, Low	1.8A, 4A
Current - Peak Output	4A
Voltage - Forward (Vf) (Typ)	-
Current - DC Forward (If) (Max)	-
Voltage - Supply	4.2 V ~ 30 V
Operating Temperature	-40°C ~ 125°C
Mounting Type	-
Package / Case	-
Supplier Device Package	-
Approvals	CQC, CSA, UR, VDE

[Report errors?](#)

SI8275GB-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.

SI8275GB-IS1R Payment Methods



SI8275GB-IS1R Shipping Methods



If you have any question about SI8275GB-IS1R, please do not hesitate to contact us!

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