

**SI8275GBD-IS1R Information**


For Reference Only

**Part Number** [SI8275GBD-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](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.


**SI8275GBD-IS1R Specifications**

Manufacturer Part Number	<a href="#">SI8275GBD-IS1R</a>
Manufacturer	Silicon Labs
Category	Isolators <a href="#">Isolators - Gate Drivers</a>
Package	-
Series	Automotive, AEC-Q100
Technology	Capacitive Coupling
Number of Channels	2
Voltage - Isolation	2500Vrms
Common Mode Transient Immunity (Min)	200kV/μs
Propagation Delay tpLH / tpHL (Max)	75ns, 75ns
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
	<a href="#">Report errors?</a>

## SI8275GBD-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.

## SI8275GBD-IS1R Payment Methods



## SI8275GBD-IS1R Shipping Methods



If you have any question about SI8275GBD-IS1R, please do not hesitate to contact us!

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