

**SI8285BD-IS Information**


For Reference Only

**Part Number** [SI8285BD-IS](#)  
**Manufacturer** Silicon Labs  
**Category** Isolators  
[Isolators - Gate Drivers](#)  
**Description** OPTOISI 5KV GATE DRIVER 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.


**SI8285BD-IS Specifications**

Manufacturer Part Number	<a href="#">SI8285BD-IS</a>
Manufacturer	Silicon Labs
Category	Isolators <a href="#">Isolators - Gate Drivers</a>
Package	16-SOIC (0.295", 7.50mm Width)
Series	-
Technology	Capacitive Coupling
Number of Channels	1
Voltage - Isolation	5000Vrms
Common Mode Transient Immunity (Min)	35kV/μs
Propagation Delay tpLH / tpHL (Max)	50ns, 50ns
Pulse Width Distortion (Max)	5ns
Rise / Fall Time (Typ)	5.5ns, 8.5ns
Current - Output High, Low	2.5A, 3A
Current - Peak Output	4A
Voltage - Forward (Vf) (Typ)	-
Current - DC Forward (If) (Max)	-
Voltage - Supply	9.5 V ~ 30 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
	<a href="#">Report errors?</a>

## SI8285BD-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.

## SI8285BD-IS Payment Methods



## SI8285BD-IS Shipping Methods



If you have any question about SI8285BD-IS, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)