

SI8281BD-ISR Information


For Reference Only

Part Number [SI8281BD-ISR](#)
Manufacturer Silicon Labs
Category Isolators
[Isolators - Gate Drivers](#)
Description OPTOISI 5KV GATE DRIVER 20SOIC
Package 20-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.


SI8281BD-ISR Specifications

Manufacturer Part Number	SI8281BD-ISR
Manufacturer	Silicon Labs
Category	Isolators Isolators - Gate Drivers
Package	20-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	20-SOIC (0.295", 7.50mm Width)
Supplier Device Package	20-SOIC
Approvals	CQC, CSA, UR, VDE

[Report errors?](#)

SI8281BD-ISR 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.

SI8281BD-ISR Payment Methods



SI8281BD-ISR Shipping Methods



If you have any question about SI8281BD-ISR, please do not hesitate to contact us!

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