

**1SC0450E2A0-45 Information**


For Reference Only

**Part Number** [1SC0450E2A0-45](#)  
**Manufacturer** Power Integrations  
**Category** Integrated Circuits (ICs)  
[PMIC - Gate Drivers](#)  
**Description** IC SINGLE GATE DRIVER 50A  
**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.


**1SC0450E2A0-45 Specifications**

Manufacturer Part Number	<a href="#">1SC0450E2A0-45</a>
Manufacturer	Power Integrations
Category	Integrated Circuits (ICs) <a href="#">PMIC - Gate Drivers</a>
Package	-
Series	SCALE?-2
Driven Configuration	High-Side or Low-Side
Channel Type	Single
Number of Drivers	1
Gate Type	IGBT
Voltage - Supply	14.5 V ~ 15.5 V
Logic Voltage - VIL, VIH	-
Current - Peak Output (Source, Sink)	50A, 50A
Input Type	-
High Side Voltage - Max (Bootstrap)	4500V
Rise / Fall Time (Typ)	30ns, 25ns
Operating Temperature	-40°C ~ 85°C (TA)
Mounting Type	-
Package / Case	-
Supplier Device Package	-

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## 1SC0450E2A0-45 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.

## 1SC0450E2A0-45 Payment Methods



## 1SC0450E2A0-45 Shipping Methods



If you have any question about 1SC0450E2A0-45, please do not hesitate to contact us!

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