

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


[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	1SC0450E2A0-45
Manufacturer	Power Integrations
Category	Integrated Circuits (ICs) PMIC - Gate Drivers
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	-
Report errors?	

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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