

**VN5012SAK-E Information**


For Reference Only

**Part Number** [VN5012SAK-E](#)  
**Manufacturer** STMicroelectronics  
**Category** Integrated Circuits (ICs)  
[PMIC - Power Distribution Switches, Load Drivers](#)  
**Description** IC DVR SGL HI SIDE POWERSSO24  
**Package** PowerSSO-24? Exposed Bottom Pad  
 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.


**VN5012SAK-E Specifications**

Manufacturer Part Number	<a href="#">VN5012SAK-E</a>
Manufacturer	STMicroelectronics
Category	Integrated Circuits (ICs) <a href="#">PMIC - Power Distribution Switches, Load Drivers</a>
Package	PowerSSO-24? Exposed Bottom Pad
Series	VIPOWER?
Switch Type	General Purpose
Number of Outputs	1
Ratio - Input:Output	1:1
Output Configuration	High Side
Output Type	N-Channel
Interface	On/Off
Voltage - Load	4.5 V ~ 36 V
Voltage - Supply (Vcc/Vdd)	Not Required
Current - Output (Max)	45A
Rds On (Typ)	12 mOhm (Max)
Input Type	Non-Inverting
Features	Auto Restart
Fault Protection	Current Limiting (Fixed), Over Temperature, Over Voltage
Operating Temperature	-40°C ~ 150°C (TJ)
Package / Case	PowerSSO-24? Exposed Bottom Pad
Supplier Device Package	PowerSSO-24

[Report errors?](#)

## VN5012SAK-E 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.

## VN5012SAK-E Payment Methods



## VN5012SAK-E Shipping Methods



If you have any question about VN5012SAK-E, please do not hesitate to contact us!

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