

Quad channel high side driver with analog current sense for automotive applications, MOSFET & Power Driver ICs Quad Ch HiSide Drivr

Manufacturers	STMicroelectronics, Inc
Package/Case	SSOP-24
Product Type	Power Management ICs
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for VNQ5050AK-E or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

VNQ5050AK-E is a power driver IC designed to control resistive, inductive, and capacitive loads in automotive and industrial applications. It is manufactured by STMicroelectronics, a semiconductor company that specializes in designing and producing a wide range of electronic components.

Features

- Can drive up to 4 loads with a maximum current of 5 A per channel
- Can operate in a wide range of supply voltages (4.5 V to 36 V)
- Has built-in protection features such as overtemperature, overvoltage, and short-circuit protection
- Has low quiescent current consumption of 2.5 mA

Application

- Automotive lighting systems
- DC motor control
- Solenoid control
- Valve control
- Power management for industrial equipment



Related Products



[VN750PTTR-E](#)

STMicroelectronics, Inc
TO-252



[VNB35NV04](#)

STMicroelectronics, Inc
D2PAK



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SOP-8



[VNQ5E250AJ-E](#)

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[VN610SP](#)

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[VN808-E](#)

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SOP36



[VND5N07-E](#)

STMicroelectronics, Inc
TO-252