



VNQ5160KTR-E STMicroelectronics

VNQ5160KTR-E STMicroelectronics uses ST's VIPower™ M0-5 technology to develop and produce a high-voltage driver chip. Consists of a monolithic device with four output charge controllers. It is an electronic component with a very large demand on the market. Welcome new and old customers to continue to cooperate with XT-ShenZhen® to create a better future together!

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Product description

The VNQ5160KTR-E STMicroelectronics is used to drive resistive or inductive loads grounded on one side. The device detects both the open and open load states when the STAT_DIS remains open or drives low. The output short-circuits VCC is in the detect shutdown state. When the STAT_DIS drive is high, the STATUS pin is in a high impedance state. The output current limit protects the device from overload conditions. In the case of long-duration, overload, the device limits the dissipated power safety level to reach thermal shutdown intervention. Having an automatic restart thermal shutdown allows the device to resume normal operation as soon as possible.

Product features

- Active management of inrush current
- Very low standby current
- 3.0 V CMOS compatible input
- Very low electromagnetic sensitivity
- Open-drain status output
- Open-state load detection
- Open-state load detection
- Undervoltage shutdown output

Shenzhen Zhen Rong Era Supply Chain Management Co., Ltd.

Tel: +86-755-83240078

E-mail: jack-sellandbuycomponents@xt-shenzhen.cn

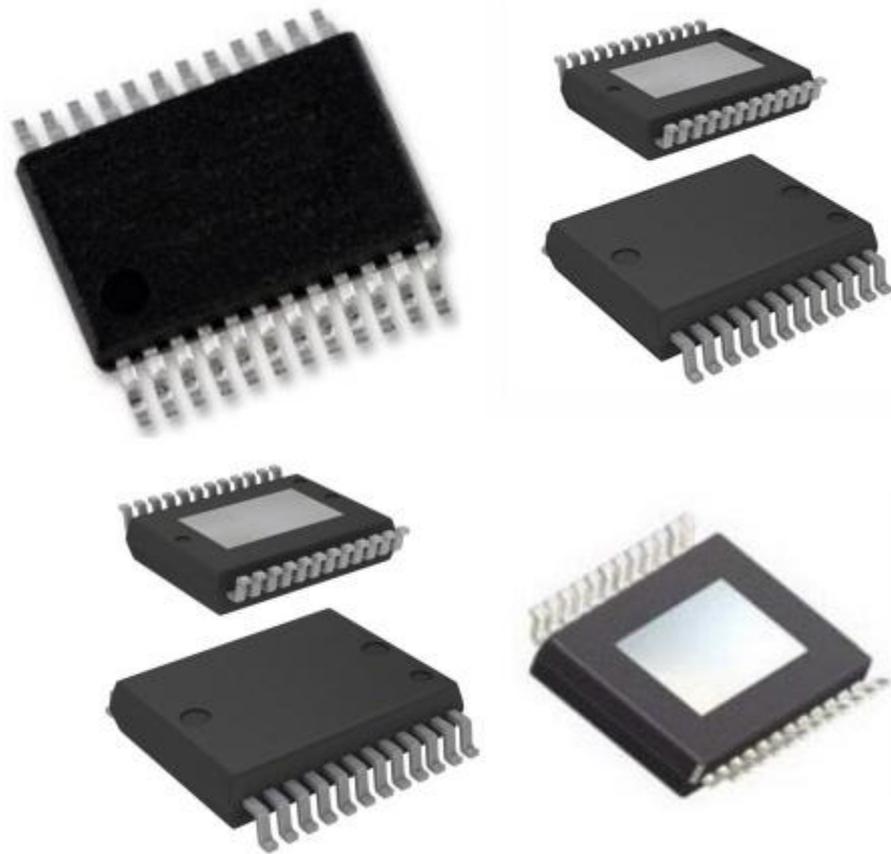
Phone: +86-13927462033

- Load current limit
- Self-limiting fast thermal transients
- Prevent loss of ground V and damage

Product parameters

Technical parameters	The number of output interfaces	4
	Output current	7.5A
	Supply current	0.002mA
	Output Current (Max)	3.8A
	Output Current (Min)	5A
	Operating Temperature (Max)	150°C
	Operating Temperature (Min)	-40°C
	Supply voltage	4.5V-36V
	Input voltage	13V
	Number of pins	24
	encapsulation	SOP-24
	Packaging	Tape & Reel (TR)

Product images



FAQ

Q: Where is your company?

A: Our company is registered in Shenzhen, China.

Q: How long do you need to give me a quote?

A: On weekdays, after receiving your information, a quote will be sent to you within the same day.

Q: How do you pack your goods?

A: Each of our shipments is vacuum vacuumed and packed. Make sure there is no damage during shipping.

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