



VND5T035AKTR-E STMicroelectronics

As a professional VND5T035AKTR-E STMicroelectronics supplier, we would like to provide you VND5T035AKTR-E STMicroelectronics. VND5T035AKTR-E STMicroelectronics is an MCU manufactured by STMicroelectronics using VIPower technology. Dual high-side drivers for analog current sensing designed for 24 V automotive applications. Drive a resistive or inductive load connected to ground on one side. It is one of the most in-demand vehicle-grade MCUs at present. To learn more about the original genuine MCUs, please contact XT-ShenZhen@!!!

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Product description

The VND5T035AKTR-E STMicroelectronics uses an active VCC pin voltage clamp to protect the device from low energy spikes. The device integrates an analog current sense that provides a current proportional to the load current. The output current limit protects the device from overload conditions, and when an overload or thermal shutdown occurs, the device will be shut down. The device is reset via a low-level path on the fault reset standby pin. A permanent low on the input and fault-multiplex standby pins disables all outputs and sets the device to standby mode.

Product features

- IVery low standby current
- I3.0VCMOS compatible input
- IOptimized electromagnetic emission
- IComplies with the standards of European Directive 2002/95/EC
- IFault Reset Standby Pin (FR_Stby)
- IProportional load current sensing
- IHigh current sensing accuracy over a wide range of currents
- IOutput short-circuit to VCC detection
- IOverload and short-to-ground locker closure
- IThermal shutdown locking device
- IVery low current induced leakage

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I Self-limiting of fast thermal transients
I Prevent ground losses and VCC losses

Product parameters

Technical parameters	The number of output interfaces	2
	Output current	55A
	Supply current	4.2mA
	The number of pins	24
	Output current (Max).	30A
	Operating temperature (Max).	150°C
	Operating temperature (Min).	-40°C
	Supply voltage (Max).	36V
	Supply voltage (Min).	8V
	encapsulation	PowerSSO-24
	Packaging	Tape & Reel (TR)
	Installation mode	Surface Mount

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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