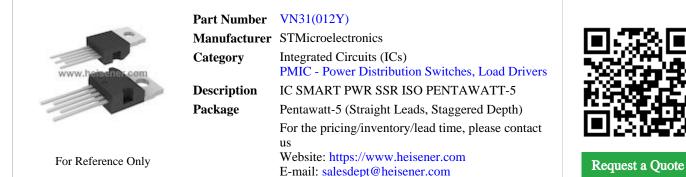


# VN31(012Y)

## VN31(012Y) Information



#### **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.



## VN31(012Y) Specifications

Manufacturer Part Number	VN31(012Y)
Manufacturer	STMicroelectronics
Category	Integrated Circuits (ICs)
	PMIC - Power Distribution Switches, Load Drivers
Package	Pentawatt-5 (Straight Leads, Staggered Depth)
Series	-
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	5.5 V ~ 26 V
Voltage - Supply (Vcc/Vdd)	Not Required
Current - Output (Max)	31A
Rds On (Typ)	30 mOhm (Max)
Input Type	Non-Inverting
Features	Status Flag
Fault Protection	Open Load Detect, Over Temperature
Operating Temperature	-40°C ~ 150°C (TJ)
Package / Case	Pentawatt-5 (Straight Leads, Staggered Depth)
Supplier Device Package	5-PENTAWATT
	Report errors?

#### VN31(012Y) 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

#### **Service Guarantees**

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.



If you have any question about VN31(012Y), please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com