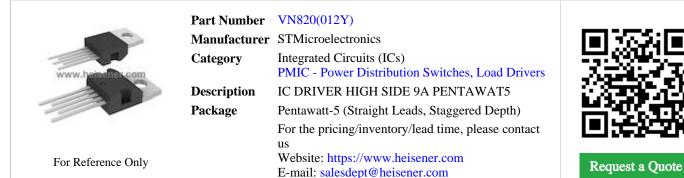


# VN820(012Y)

#### VN820(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.



# VN820(012Y) Specifications

Manufacturer Part NumberVN820(012Y)	
Manufacturer STMicroelectronics	
Category Integrated Circuits (ICs)	
PMIC - Power Distribution Switches, Load	Drivers
Package Pentawatt-5 (Straight Leads, Staggered Dep	pth)
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 ~ 36 V	
Voltage - Supply (Vcc/Vdd) Not Required	
Current - Output (Max) 9A	
Rds On (Typ) 40 mOhm (Max)	
Input Type Non-Inverting	
Features Auto Restart, Status Flag	
Fault Protection Current Limiting (Fixed), Open Load Detection	ct, Over Temperature, Over Voltage
Operating Temperature $-40^{\circ}\text{C} \sim 150^{\circ}\text{C} \text{ (TJ)}$	
Package / Case Pentawatt-5 (Straight Leads, Staggered Dep	pth)
Supplier Device Package 5-PENTAWATT	
	Report errors?

#### VN820(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 EUARANTEE

#### **Service Guarantees**

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

# VN820(012Y) Payment Methods



# VN820(012Y) Shipping Methods



If you have any question about VN820(012Y), please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com