



### STH180N4F6-2 Information

Heisener.com

Part Number STH180N4F6-2
Manufacturer STMicroelectronics

Category Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

**Description** MOSFET N-CH 40V 120A H2PAK-2

Package TO-263-3, D2Pak (2 Leads + Tab), TO-263AB

For the pricing/inventory/lead time, please contact

us

For Reference Only

Website: https://www.heisener.com
E-mail: salesdept@heisener.com



Request a Quote

# **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.









## STH180N4F6-2 Specifications

Manufacturer Part Number	STH180N4F6-2	
Manufacturer	STMicroelectronics	
Category	Discrete Semiconductor Products	
	Transistors - FETs, MOSFETs - Single	
Package	TO-263-3, D2Pak (2 Leads + Tab), TO-263AB	
Series	STripFET? F6	
FET Type	N-Channel	
Technology	MOSFET (Metal Oxide)	
Drain to Source Voltage (Vdss)	40V	
Current - Continuous Drain (Id) @ 25°C	120A (Tc)	
Drive Voltage (Max Rds On, Min Rds On)	10V	
Vgs(th) (Max) @ Id	4.5V @ 250μA	
Gate Charge (Qg) (Max) @ Vgs	130nC @ 10V	
Input Capacitance (Ciss) (Max) @ Vds	7735pF @ 25V	
Vgs (Max)	±20V	
FET Feature	-	
Power Dissipation (Max)	190W (Tc)	
Rds On (Max) @ Id, Vgs	2.4 mOhm @ 60A, 10V	
Operating Temperature	-55°C ~ 175°C (TJ)	
Mounting Type	Surface Mount	
Supplier Device Package	H2Pak-2	
Package / Case	TO-263-3, D2Pak (2 Leads + Tab), TO-263AB	
		Report errors?

#### STH180N4F6-2 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 Guarantees**

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

## STH180N4F6-2 Payment Methods









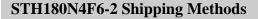
























If you have any question about STH180N4F6-2, please do not hesitate to contact us!

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