



STH180N10F3-2 Information



For Reference Only

Part Number STH180N10F3-2
Manufacturer STMicroelectronics

Category Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

Description MOSFET N-CH 100V 120A H2PAK **Package** TO-263-3, D2Pak (2 Leads + Tab) Variant

For the pricing/inventory/lead time, please contact

us

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.









STH180N10F3-2 Specifications

Manufacturer Part Number	STH180N10F3-2
Manufacturer	STMicroelectronics
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	TO-263-3, D2Pak (2 Leads + Tab) Variant
Series	STripFET? III
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	100V
Current - Continuous Drain (Id) @ 25°C	180A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	4V @ 250μA
Gate Charge (Qg) (Max) @ Vgs	114.6nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	6665pF @ 25V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	315W (Tc)
Rds On (Max) @ Id, Vgs	4.5 mOhm @ 60A, 10V
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	H2PAK
Package / Case	TO-263-3, D2Pak (2 Leads + Tab) Variant
	Report errors?

STH180N10F3-2 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.

STH180N10F3-2 Payment Methods



















STH180N10F3-2 Shipping Methods













If you have any question about STH180N10F3-2, please do not hesitate to contact us!

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