STF25N80K5

STF25N80K5 Information

For Reference Only

Part Number STF25N80K5
Manufacturer STMicroelectronics
Category Discrete Semiconductor Products
Transistors - FETs, MOSFETs - Single
Description MOSFET N-CH 800V 19.5A TO220FP
Package TO-220-3 Full Pack

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.

STF25N80K5 Specifications

Manufacturer Part Number	STF25N80K5
Manufacturer	STMicroelectronics
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	TO-220-3 Full Pack
Series	SuperMESH5?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	800V
Current - Continuous Drain (Id) @ 25°C	19.5A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	5V @ 100µA
Gate Charge (Qg) (Max) @ Vgs	40nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	1600pF @ 100V
Vgs (Max)	±30V
FET Feature	-
Power Dissipation (Max)	40W (Tc)
Rds On (Max) @ Id, Vgs	260 mOhm @ 19.5A, 10V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	TO-220FP
Package / Case	TO-220-3 Full Pack
	Report errors?

STF25N80K5 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.

STF25N80K5 Payment Methods

STF25N80K5 Shipping Methods

If you have any question about STF25N80K5, please do not hesitate to contact us!
Website: https://www.heisener.com
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