STP140NF55

STP140NF55 Information

For Reference Only

Part Number STP140NF55
Manufacturer STMicroelectronics
Category Discrete Semiconductor Products
Transistors - FETs, MOSFETs - Single
Description MOSFET N-CH 55V 80A TO-220
Package TO-220-3

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.

STP140NF55 Specifications

Manufacturer Part Number	STP140NF55
Manufacturer	STMicroelectronics
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	TO-220-3
Series	STripFET? II
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	55V
Current - Continuous Drain (Id) @ 25°C	80A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	4V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	142nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	5300pF @ 25V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	300W (Tc)
Rds On (Max) @ Id, Vgs	8 mOhm @ 40A, 10V
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	TO-220AB
Package / Case	TO-220-3
	Report errors?

STP140NF55 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.

STP140NF55 Payment Methods

STP140NF55 Shipping Methods

If you have any question about STP140NF55, please do not hesitate to contact us!
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