STP8NS25

STP8NS25 Information

For Reference Only

Part Number STP8NS25
Manufacturer STMicroelectronics
Category Discrete Semiconductor Products
Transistors - FETs, MOSFETs - Single
Description MOSFET N-CH 250V 8A 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.

STP8NS25 Specifications

Manufacturer Part Number	STP8NS25
Manufacturer	STMicroelectronics
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	TO-220-3
Series	MESH OVERLAY?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	250V
Current - Continuous Drain (Id) @ 25°C	8A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	4V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	51.8nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	770pF @ 25V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	80W (Tc)
Rds On (Max) @ Id, Vgs	450 mOhm @ 4A, 10V
Operating Temperature	150°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	TO-220AB
Package / Case	TO-220-3
	Report errors?

STP8NS25 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.

STP8NS25 Payment Methods

STP8NS25 Shipping Methods

If you have any question about STP8NS25, please do not hesitate to contact us!
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