

STE45NK80ZD Information


For Reference Only

Part Number [STE45NK80ZD](#)
Manufacturer STMicroelectronics
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 800V 45A ISOTOP
Package ISOTOP
 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.


STE45NK80ZD Specifications

Manufacturer Part Number	STE45NK80ZD
Manufacturer	STMicroelectronics
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	ISOTOP
Series	SuperFREDmesh?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vds)	800V
Current - Continuous Drain (Id) @ 25°C	45A
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	4.5V @ 150µA
Gate Charge (Qg) (Max) @ Vgs	781nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	26000pF @ 25V
Vgs (Max)	±30V
FET Feature	-
Power Dissipation (Max)	600W (Tc)
Rds On (Max) @ Id, Vgs	130 mOhm @ 22.5A, 10V
Operating Temperature	-65°C ~ 150°C (TJ)
Mounting Type	Chassis Mount
Supplier Device Package	ISOTOP?
Package / Case	ISOTOP

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STE45NK80ZD 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.

STE45NK80ZD Payment Methods



STE45NK80ZD Shipping Methods



If you have any question about STE45NK80ZD, please do not hesitate to contact us!

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