

STL200N45LF7 Information


For Reference Only

Part Number [STL200N45LF7](#)
Manufacturer STMicroelectronics
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 45V 120A POWERFLAT
Package 8-PowerVDFN
 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.


STL200N45LF7 Specifications

Manufacturer Part Number	STL200N45LF7
Manufacturer	STMicroelectronics
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	8-PowerVDFN
Series	STripFET? F7
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	45V
Current - Continuous Drain (Id) @ 25°C	120A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Vgs(th) (Max) @ Id	1.2V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	33nC @ 4.5V
Input Capacitance (Ciss) (Max) @ Vds	5170pF @ 25V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	150W (Tc)
Rds On (Max) @ Id, Vgs	1.8 mOhm @ 18A, 10V
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	PowerFlat? (5x6)
Package / Case	8-PowerVDFN

[Report errors?](#)

STL200N45LF7 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.

STL200N45LF7 Payment Methods



STL200N45LF7 Shipping Methods



If you have any question about STL200N45LF7, please do not hesitate to contact us!

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