



STL100N12F7 Information

Heisener.com

Part Number STL100N12F7
Manufacturer STMicroelectronics

Category Discrete Semiconductor Products
Transistors - FETs, MOSFETs - Single

Description MOSFET N-CH 120V 100A POWERFLAT

Package 8-PowerVDFN

For the pricing/inventory/lead time, please contact

us

For Reference Only

Website: https://www.heisener.com
E-mail: salesdept@heisener.com





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.









STL100N12F7 Specifications

Manufacturer Part Number	STL100N12F7
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)	120V
Current - Continuous Drain (Id) @ 25°C	100A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	4.5V @ 250μA
Gate Charge (Qg) (Max) @ Vgs	46nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	3300pF @ 60V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	136W (Tc)
Rds On (Max) @ Id, Vgs	7.5 mOhm @ 9A, 10V
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	PowerFlat? (5x6)
Package / Case	8-PowerVDFN
	Report errors?

STL100N12F7 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.

STL100N12F7 Payment Methods



















STL100N12F7 Shipping Methods













If you have any question about STL100N12F7, please do not hesitate to contact us!

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