

STL130N8F7 Information


For Reference Only

Part Number [STL130N8F7](#)
Manufacturer STMicroelectronics
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 80V POWERFLAT5X6
Package 8-PowerSMD, Flat Leads
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: salesdept@heisener.com


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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.


STL130N8F7 Specifications

Manufacturer Part Number	STL130N8F7
Manufacturer	STMicroelectronics
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	8-PowerSMD, Flat Leads
Series	DeepGATE?, STripFET? VII
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (V _{ds})	80V
Current - Continuous Drain (I _d) @ 25°C	130A (T _c)
Drive Voltage (Max R _{ds} On, Min R _{ds} On)	10V
V _{gs} (th) (Max) @ I _d	4.5V @ 250μA
Gate Charge (Q _g) (Max) @ V _{gs}	96nC @ 10V
Input Capacitance (C _{iss}) (Max) @ V _{ds}	6340pF @ 40V
V _{gs} (Max)	±20V
FET Feature	-
Power Dissipation (Max)	135W (T _c)
R _{ds} On (Max) @ I _d , V _{gs}	3.6 mOhm @ 13A, 10V
Operating Temperature	-55°C ~ 175°C (T _J)
Mounting Type	Surface Mount
Supplier Device Package	PowerFlat? (5x6)
Package / Case	8-PowerSMD, Flat Leads

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STL130N8F7 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.

STL130N8F7 Payment Methods



STL130N8F7 Shipping Methods



If you have any question about STL130N8F7, please do not hesitate to contact us!

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