

STL120N4F6AG Information


For Reference Only

Part Number [STL120N4F6AG](#)
Manufacturer STMicroelectronics
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 40V 55A POWERFLAT
Package 8-PowerSMD, Flat Leads
 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.


STL120N4F6AG Specifications

Manufacturer Part Number	STL120N4F6AG
Manufacturer	STMicroelectronics
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	8-PowerSMD, Flat Leads
Series	Automotive, AEC-Q101, STripFET? F6
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	40V
Current - Continuous Drain (Id) @ 25°C	55A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	4V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	63nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	3700pF @ 25V
Vgs (Max)	40V
FET Feature	-
Power Dissipation (Max)	96W (Tc)
Rds On (Max) @ Id, Vgs	3.6 mOhm @ 13A, 10V
Operating Temperature	175°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	PowerFlat? (5x6)
Package / Case	8-PowerSMD, Flat Leads

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STL120N4F6AG 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.

STL120N4F6AG Payment Methods



STL120N4F6AG Shipping Methods



If you have any question about STL120N4F6AG, please do not hesitate to contact us!

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