

STL86N3LLH6AG Information


For Reference Only

Part Number [STL86N3LLH6AG](#)
Manufacturer STMicroelectronics
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 30V 80A PWRFLAT56
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.


STL86N3LLH6AG Specifications

Manufacturer Part Number	STL86N3LLH6AG
Manufacturer	STMicroelectronics
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	8-PowerVDFN
Series	Automotive, AEC-Q101, STripFET? H6
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	30V
Current - Continuous Drain (Id) @ 25°C	80A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Vgs(th) (Max) @ Id	2.5V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	17nC @ 4.5V
Input Capacitance (Ciss) (Max) @ Vds	2030pF @ 25V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	4W (Ta), 60W (Tc)
Rds On (Max) @ Id, Vgs	5.2 mOhm @ 10.5A, 10V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	PowerFlat? (5x6)
Package / Case	8-PowerVDFN

[Report errors?](#)

STL86N3LLH6AG 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.

STL86N3LLH6AG Payment Methods



STL86N3LLH6AG Shipping Methods



If you have any question about STL86N3LLH6AG, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: salesdept@heisener.com