

STL120N2VH5 Information


For Reference Only

Part Number [STL120N2VH5](#)
Manufacturer STMicroelectronics
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 20V 120A POWERFLAT56
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.


STL120N2VH5 Specifications

Manufacturer Part Number	STL120N2VH5
Manufacturer	STMicroelectronics
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	8-PowerSMD, Flat Leads
Series	STripFET? V
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	20V
Current - Continuous Drain (Id) @ 25°C	120A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	2.5V, 4.5V
Vgs(th) (Max) @ Id	700mV @ 250µA
Gate Charge (Qg) (Max) @ Vgs	29nC @ 2.5V
Input Capacitance (Ciss) (Max) @ Vds	4660pF @ 15V
Vgs (Max)	±8V
FET Feature	-
Power Dissipation (Max)	80W (Tc)
Rds On (Max) @ Id, Vgs	3 mOhm @ 14A, 4.5V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	PowerFlat? (5x6)
Package / Case	8-PowerSMD, Flat Leads

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STL120N2VH5 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.

STL120N2VH5 Payment Methods



STL120N2VH5 Shipping Methods



If you have any question about STL120N2VH5, please do not hesitate to contact us!

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