

STL18N55M5 Information


For Reference Only

Part Number [STL18N55M5](#)
Manufacturer STMicroelectronics
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 550V 2.4A POWERFLAT
Package 4-PowerFlat? HV
 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.


STL18N55M5 Specifications

Manufacturer Part Number	STL18N55M5
Manufacturer	STMicroelectronics
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	4-PowerFlat? HV
Series	MDmesh? V
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	550V
Current - Continuous Drain (Id) @ 25°C	2.4A (Ta), 13A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	5V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	31nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	1352pF @ 100V
Vgs (Max)	±25V
FET Feature	-
Power Dissipation (Max)	3W (Ta), 90W (Tc)
Rds On (Max) @ Id, Vgs	270 mOhm @ 6A, 10V
Operating Temperature	150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	PowerFlat? (8x8) HV
Package / Case	4-PowerFlat? HV

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STL18N55M5 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.

STL18N55M5 Payment Methods



STL18N55M5 Shipping Methods



If you have any question about STL18N55M5, please do not hesitate to contact us!

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