

STL45N65M5 Information


For Reference Only

Part Number [STL45N65M5](#)
Manufacturer STMicroelectronics
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 650V 22.5A 4PWRFLAT
Package 8-PowerVDFN
 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.


STL45N65M5 Specifications

Manufacturer Part Number	STL45N65M5
Manufacturer	STMicroelectronics
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	8-PowerVDFN
Series	MDmesh? V
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	650V
Current - Continuous Drain (Id) @ 25°C	3.8A (Ta), 22.5A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	5V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	82nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	3470pF @ 100V
Vgs (Max)	±25V
FET Feature	-
Power Dissipation (Max)	2.8W (Ta), 160W (Tc)
Rds On (Max) @ Id, Vgs	86 mOhm @ 14.5A, 10V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	PowerFLAT? (8x8)
Package / Case	8-PowerVDFN

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STL45N65M5 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.

STL45N65M5 Payment Methods



STL45N65M5 Shipping Methods



If you have any question about STL45N65M5, please do not hesitate to contact us!

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