

STS1DN45K3 Information


For Reference Only

Part Number [STS1DN45K3](#)
Manufacturer STMicroelectronics
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Arrays](#)
Description MOSFET 2N-CH 450V 0.5A 8SOIC
Package 8-SOIC (0.154", 3.90mm Width)
 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.


STS1DN45K3 Specifications

Manufacturer Part Number	STS1DN45K3
Manufacturer	STMicroelectronics
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Arrays
Package	8-SOIC (0.154", 3.90mm Width)
Series	SuperMESH3?
FET Type	2 N-Channel (Dual)
FET Feature	Standard
Drain to Source Voltage (Vdss)	450V
Current - Continuous Drain (Id) @ 25°C	500mA
Rds On (Max) @ Id, Vgs	3.8 Ohm @ 500mA, 10V
Vgs(th) (Max) @ Id	4.5V @ 50µA
Gate Charge (Qg) (Max) @ Vgs	6nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	150pF @ 25V
Power - Max	1.3W
Operating Temperature	150°C (TJ)
Mounting Type	Surface Mount
Package / Case	8-SOIC (0.154", 3.90mm Width)
Supplier Device Package	8-SO

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STS1DN45K3 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.

STS1DN45K3 Payment Methods



STS1DN45K3 Shipping Methods



If you have any question about STS1DN45K3, please do not hesitate to contact us!

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