

STN3NF06L Information


For Reference Only

Part Number [STN3NF06L](#)
Manufacturer STMicroelectronics
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 60V 4A SOT223
Package TO-261-4, TO-261AA
 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.


STN3NF06L Specifications

Manufacturer Part Number	STN3NF06L
Manufacturer	STMicroelectronics
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	TO-261-4, TO-261AA
Series	STripFET? II
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	60V
Current - Continuous Drain (Id) @ 25°C	4A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	5V, 10V
Vgs(th) (Max) @ Id	2.8V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	9nC @ 5V
Input Capacitance (Ciss) (Max) @ Vds	340pF @ 25V
Vgs (Max)	±16V
FET Feature	-
Power Dissipation (Max)	3.3W (Tc)
Rds On (Max) @ Id, Vgs	100 mOhm @ 1.5A, 10V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	SOT-223
Package / Case	TO-261-4, TO-261AA

[Report errors?](#)

STN3NF06L 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.

STN3NF06L Payment Methods



STN3NF06L Shipping Methods



If you have any question about STN3NF06L, please do not hesitate to contact us!

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