

STW18NK80Z Information


For Reference Only

Part Number [STW18NK80Z](#)
Manufacturer STMicroelectronics
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 800V 19A TO-247
Package TO-247-3
 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.


STW18NK80Z Specifications

Manufacturer Part Number	STW18NK80Z
Manufacturer	STMicroelectronics
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	TO-247-3
Series	SuperMESH?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	800V
Current - Continuous Drain (Id) @ 25°C	19A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	4.5V @ 150µA
Gate Charge (Qg) (Max) @ Vgs	250nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	6100pF @ 25V
Vgs (Max)	±30V
FET Feature	-
Power Dissipation (Max)	350W (Tc)
Rds On (Max) @ Id, Vgs	380 mOhm @ 10A, 10V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	TO-247-3
Package / Case	TO-247-3

[Report errors?](#)

STW18NK80Z 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.

STW18NK80Z Payment Methods



STW18NK80Z Shipping Methods



If you have any question about STW18NK80Z, please do not hesitate to contact us!

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