

STGW19NC60W Information


For Reference Only

Part Number [STGW19NC60W](#)
Manufacturer STMicroelectronics
Category Discrete Semiconductor Products
[Transistors - IGBTs - Single](#)
Description IGBT 600V 42A 140W TO247
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.


STGW19NC60W Specifications

Manufacturer Part Number	STGW19NC60W
Manufacturer	STMicroelectronics
Category	Discrete Semiconductor Products Transistors - IGBTs - Single
Package	TO-247-3
Series	PowerMESH?
IGBT Type	-
Voltage - Collector Emitter Breakdown (Max)	600V
Current - Collector (Ic) (Max)	42A
Current - Collector Pulsed (Icm)	-
Vce(on) (Max) @ Vge, Ic	2.5V @ 15V, 12A
Power - Max	140W
Switching Energy	81µJ (on), 125µJ (off)
Input Type	Standard
Gate Charge	53nC
Td (on/off) @ 25°C	25ns/90ns
Test Condition	390V, 12A, 10 Ohm, 15V
Reverse Recovery Time (trr)	-
Operating Temperature	-65°C ~ 150°C (TJ)
Mounting Type	Through Hole
Package / Case	TO-247-3
Supplier Device Package	TO-247 Long Leads

[Report errors?](#)

STGW19NC60W 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.

STGW19NC60W Payment Methods



STGW19NC60W Shipping Methods



If you have any question about STGW19NC60W, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: salesdept@heisener.com