

STGW40N120KD Information


For Reference Only

Part Number [STGW40N120KD](#)
Manufacturer STMicroelectronics
Category Discrete Semiconductor Products
[Transistors - IGBTs - Single](#)
Description IGBT 1200V 80A 240W 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.


STGW40N120KD Specifications

Manufacturer Part Number	STGW40N120KD
Manufacturer	STMicroelectronics
Category	Discrete Semiconductor Products Transistors - IGBTs - Single
Package	TO-247-3
Series	PowerMESH?
IGBT Type	-
Voltage - Collector Emitter Breakdown (Max)	1200V
Current - Collector (Ic) (Max)	80A
Current - Collector Pulsed (Icm)	120A
Vce(on) (Max) @ Vge, Ic	3.85V @ 15V, 30A
Power - Max	240W
Switching Energy	3.7mJ (on), 5.7mJ (off)
Input Type	Standard
Gate Charge	126nC
Td (on/off) @ 25°C	48ns/338ns
Test Condition	960V, 30A, 10 Ohm, 15V
Reverse Recovery Time (trr)	84ns
Operating Temperature	-55°C ~ 125°C (TJ)
Mounting Type	Through Hole
Package / Case	TO-247-3
Supplier Device Package	TO-247-3

[Report errors?](#)

STGW40N120KD 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.

STGW40N120KD Payment Methods



STGW40N120KD Shipping Methods



If you have any question about STGW40N120KD, please do not hesitate to contact us!

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

E-mail: salesdept@heisener.com