

STGW40M120DF3 Information


For Reference Only

Part Number [STGW40M120DF3](#)
Manufacturer STMicroelectronics
Category Discrete Semiconductor Products
[Transistors - IGBTs - Single](#)
Description IGBT 1200V 80A 468W 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


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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.


STGW40M120DF3 Specifications

Manufacturer Part Number	STGW40M120DF3
Manufacturer	STMicroelectronics
Category	Discrete Semiconductor Products Transistors - IGBTs - Single
Package	TO-247-3
Series	-
IGBT Type	Trench Field Stop
Voltage - Collector Emitter Breakdown (Max)	1200V
Current - Collector (Ic) (Max)	80A
Current - Collector Pulsed (Icm)	160A
Vce(on) (Max) @ Vge, Ic	2.3V @ 15V, 40A
Power - Max	468W
Switching Energy	1.5mJ (on), 2.25mJ (off)
Input Type	Standard
Gate Charge	125nC
Td (on/off) @ 25°C	35ns/140ns
Test Condition	600V, 40A, 10 Ohm, 15V
Reverse Recovery Time (trr)	355ns
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Through Hole
Package / Case	TO-247-3
Supplier Device Package	TO-247

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STGW40M120DF3 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.

STGW40M120DF3 Payment Methods



STGW40M120DF3 Shipping Methods



If you have any question about STGW40M120DF3, please do not hesitate to contact us!

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