STGW40M120DF3

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

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.

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
	Report errors?

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!
Website: https://www.heisener.com
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