

STGW20V60DF Information


For Reference Only

Part Number [STGW20V60DF](#)
Manufacturer STMicroelectronics
Category Discrete Semiconductor Products
[Transistors - IGBTs - Single](#)
Description IGBT 600V 40A 167W TO247
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.


STGW20V60DF Specifications

Manufacturer Part Number	STGW20V60DF
Manufacturer	STMicroelectronics
Category	Discrete Semiconductor Products Transistors - IGBTs - Single
Package	TO-247-3
Series	-
IGBT Type	Trench Field Stop
Voltage - Collector Emitter Breakdown (Max)	600V
Current - Collector (Ic) (Max)	40A
Current - Collector Pulsed (Icm)	80A
Vce(on) (Max) @ Vge, Ic	2.2V @ 15V, 20A
Power - Max	167W
Switching Energy	200µJ (on), 130µJ (off)
Input Type	Standard
Gate Charge	116nC
Td (on/off) @ 25°C	38ns/149ns
Test Condition	400V, 20A, 15V
Reverse Recovery Time (trr)	40ns
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Through Hole
Package / Case	TO-247-3
Supplier Device Package	TO-247

[Report errors?](#)

STGW20V60DF 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.

STGW20V60DF Payment Methods



STGW20V60DF Shipping Methods



If you have any question about STGW20V60DF, please do not hesitate to contact us!

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