

STGF20H60DF Information


For Reference Only

Part Number [STGF20H60DF](#)
Manufacturer STMicroelectronics
Category Discrete Semiconductor Products
[Transistors - IGBTs - Single](#)
Description IGBT 600V 40A 37W TO220FP
Package TO-220-3 Full Pack
 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.


STGF20H60DF Specifications

Manufacturer Part Number	STGF20H60DF
Manufacturer	STMicroelectronics
Category	Discrete Semiconductor Products Transistors - IGBTs - Single
Package	TO-220-3 Full Pack
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	2V @ 15V, 20A
Power - Max	37W
Switching Energy	209µJ (on), 261µJ (off)
Input Type	Standard
Gate Charge	115nC
Td (on/off) @ 25°C	42.5ns/177ns
Test Condition	400V, 20A, 10 Ohm, 15V
Reverse Recovery Time (trr)	90ns
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Through Hole
Package / Case	TO-220-3 Full Pack
Supplier Device Package	TO-220FP

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STGF20H60DF 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.

STGF20H60DF Payment Methods



STGF20H60DF Shipping Methods



If you have any question about STGF20H60DF, please do not hesitate to contact us!

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