

STGFL6NC60DI Information


For Reference Only

Part Number [STGFL6NC60DI](#)
Manufacturer STMicroelectronics
Category Discrete Semiconductor Products
[Transistors - IGBTs - Single](#)
Description IGBT 600V 7A 22W 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.


STGFL6NC60DI Specifications

Manufacturer Part Number	STGFL6NC60DI
Manufacturer	STMicroelectronics
Category	Discrete Semiconductor Products Transistors - IGBTs - Single
Package	TO-220-3 Full Pack
Series	PowerMESH?
IGBT Type	-
Voltage - Collector Emitter Breakdown (Max)	600V
Current - Collector (Ic) (Max)	7A
Current - Collector Pulsed (Icm)	18A
Vce(on) (Max) @ Vge, Ic	2.9V @ 15V, 3A
Power - Max	22W
Switching Energy	32μJ (on), 24μJ (off)
Input Type	Standard
Gate Charge	12nC
Td (on/off) @ 25°C	6.7ns/46ns
Test Condition	390V, 3A, 10 Ohm, 15V
Reverse Recovery Time (trr)	23ns
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Package / Case	TO-220-3 Full Pack
Supplier Device Package	TO-220FP

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STGFL6NC60DI 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.

STGFL6NC60DI Payment Methods



STGFL6NC60DI Shipping Methods



If you have any question about STGFL6NC60DI, please do not hesitate to contact us!

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