

**STGF8NC60KD Information**


For Reference Only

**Part Number** [STGF8NC60KD](#)  
**Manufacturer** STMicroelectronics  
**Category** Discrete Semiconductor Products  
[Transistors - IGBTs - Single](#)  
**Description** IGBT 600V 7A 24W 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](mailto: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.


**STGF8NC60KD Specifications**

Manufacturer Part Number	<a href="#">STGF8NC60KD</a>
Manufacturer	STMicroelectronics
Category	Discrete Semiconductor Products <a href="#">Transistors - IGBTs - Single</a>
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)	30A
Vce(on) (Max) @ Vge, Ic	2.75V @ 15V, 3A
Power - Max	24W
Switching Energy	55µJ (on), 85µJ (off)
Input Type	Standard
Gate Charge	19nC
Td (on/off) @ 25°C	17ns/72ns
Test Condition	390V, 3A, 10 Ohm, 15V
Reverse Recovery Time (trr)	23.5ns
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Package / Case	TO-220-3 Full Pack
Supplier Device Package	TO-220FP

[Report errors?](#)

## STGF8NC60KD 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.

## STGF8NC60KD Payment Methods



## STGF8NC60KD Shipping Methods



If you have any question about STGF8NC60KD, please do not hesitate to contact us!

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