



## STGD8NC60KDT4 Information



For Reference Only

**Part Number** STGD8NC60KDT4 **Manufacturer** STMicroelectronics

Category Discrete Semiconductor Products Transistors - IGBTs - Single

**Description** IGBT 600V 15A 62W DPAK

Package TO-252-3, DPak (2 Leads + Tab), SC-63

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.









## STGD8NC60KDT4 Specifications

Manufacturer Part Number	STGD8NC60KDT4
Manufacturer	STMicroelectronics
Category	Discrete Semiconductor Products
Category	Transistors - IGBTs - Single
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Package	TO-252-3, DPak (2 Leads + Tab), SC-63
Series	PowerMESH?
IGBT Type	-
Voltage - Collector Emitter Breakdown (Max)	600V
Current - Collector (Ic) (Max)	15A
Current - Collector Pulsed (Icm)	30A
Vce(on) (Max) @ Vge, Ic	2.75V @ 15V, 3A
Power - Max	62W
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	Surface Mount
Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63
Supplier Device Package	D-Pak
	Report errors?

### STGD8NC60KDT4 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.

## STGD8NC60KDT4 Payment Methods









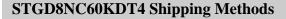
























If you have any question about STGD8NC60KDT4, please do not hesitate to contact us!

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