



### STGB12NB60KDT4 Information



For Reference Only

Part Number STGB12NB60KDT4

Manufacturer STMicroelectronics

Category Discrete Semiconductor Products

Transistors - IGBTs - Single

**Description** IGBT 600V 30A 125W D2PAK

Package TO-263-3, D2Pak (2 Leads + Tab), TO-263AB

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.









### STGB12NB60KDT4 Specifications

Manufacturer Part Number	STGB12NB60KDT4
Manufacturer	STMicroelectronics
Category	Discrete Semiconductor Products
	Transistors - IGBTs - Single
Package	TO-263-3, D2Pak (2 Leads + Tab), TO-263AB
Series	PowerMESH?
IGBT Type	-
Voltage - Collector Emitter Breakdown (Max)	600V
Current - Collector (Ic) (Max)	30A
Current - Collector Pulsed (Icm)	60A
Vce(on) (Max) @ Vge, Ic	2.8V @ 15V, 12A
Power - Max	125W
Switching Energy	258μJ (off)
Input Type	Standard
Gate Charge	54nC
Td (on/off) @ 25°C	25ns/96ns
Test Condition	480V, 12A, 10 Ohm, 15V
Reverse Recovery Time (trr)	80ns
Operating Temperature	150°C (TJ)
Mounting Type	Surface Mount
Package / Case	TO-263-3, D2Pak (2 Leads + Tab), TO-263AB
Supplier Device Package	D2PAK
	Report errors?

#### STGB12NB60KDT4 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.

# STGB12NB60KDT4 Payment Methods









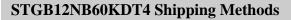
























If you have any question about STGB12NB60KDT4, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com