



### STGD10NC60KT4 Information



For Reference Only

Part Number STGD10NC60KT4
Manufacturer STMicroelectronics

Category Discrete Semiconductor Products

Transistors - IGBTs - Single

Description IGBT 600V 20A 60W 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



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### STGD10NC60KT4 Specifications

Manufacturer Part Number         STGD10NC60KT4           Manufacturer         STMicroelectronics           Category         Discrete Semiconductor Products           Transistors - IGBTs - Single           Package         TO-252-3, DPak (2 Leads + Tab), SC-63           Series         PowerMESH?           IGBT Type         -           Voltage - Collector Emitter Breakdown (Max)         600V           Current - Collector (Ic) (Max)         20A           Current - Collector Pulsed (Icm)         30A           Vce(on) (Max) @ Vge, Ic         2.5V @ 15V, 5A           Power - Max         60W           Switching Energy         55µJ (on), 85µJ (off)           Input Type         Standard           Gate Charge         19nC           Td (on/off) @ 25°C         17ns/7ns           Test Condition         390V, 5A, 10 Ohm, 15V           Reverse Recovery Time (trr)         -           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		
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IGBT Type  Voltage - Collector Emitter Breakdown (Max)  Current - Collector (Ic) (Max)  Current - Collector Pulsed (Icm)  Vce(on) (Max) @ Vge, Ic  Power - Max  60W  Switching Energy  55µJ (on), 85µJ (off)  Input Type  Standard  Gate Charge  19nC  Td (on/off) @ 25°C  17ns/72ns  Test Condition  390V, 5A, 10 Ohm, 15V  Reverse Recovery Time (trr)  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	Package	TO-252-3, DPak (2 Leads + Tab), SC-63
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Input Type  Standard  Gate Charge  19nC  Td (on/off) @ 25°C  17ns/72ns  Test Condition  390V, 5A, 10 Ohm, 15V  Reverse Recovery Time (trr)  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	Power - Max	60W
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Test Condition 390V, 5A, 10 Ohm, 15V  Reverse Recovery Time (trr) -  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	Gate Charge	19nC
Reverse Recovery Time (trr)  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	Td (on/off) @ 25°C	17ns/72ns
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	Test Condition	390V, 5A, 10 Ohm, 15V
Mounting Type Surface Mount Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63 Supplier Device Package D-Pak	Reverse Recovery Time (trr)	-
Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63 Supplier Device Package D-Pak	Operating Temperature	-55°C ~ 150°C (TJ)
Supplier Device Package D-Pak	Mounting Type	Surface Mount
	Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63
Report errors?	Supplier Device Package	D-Pak
		Report errors?

### STGD10NC60KT4 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.

### STGD10NC60KT4 Payment Methods



















# STGD10NC60KT4 Shipping Methods













If you have any question about STGD10NC60KT4, please do not hesitate to contact us!

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