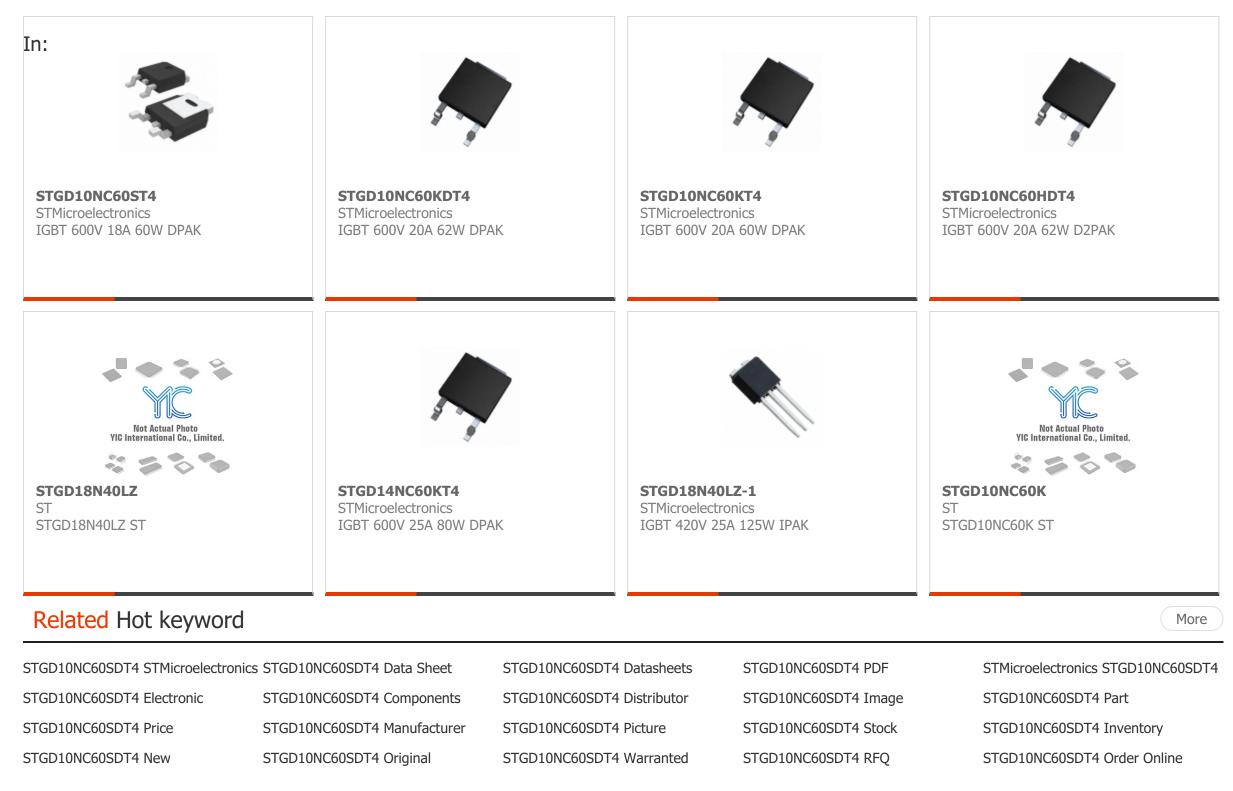


Specifications

Part Number	STGD10NC60SDT4
Manufacturer	STMicroelectronics
Description	IGBT 600V 18A 60W DPAK
Category	Discrete Semiconductor Products > Transistors - IGBTs -
Part Status	Require For Quote & Check Stock
Voltage - Collector Emitter Breakdown (Max)	600V
Vce(on) (Max) @ Vge, Ic	1.65V @ 15V, 5A
Test Condition	390V, 5A, 10 Ohm, 15V
Td (on/off) @ 25°C	19ns/160ns
Switching Energy	60µЈ (on), 340µЈ (off)
Supplier Device Package	DPAK
Series	PowerMESH™
Reverse Recovery Time (trr)	22ns
Power - Max	60W
Packaging	Cut Tape (CT)
Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Input Type	Standard
IGBT Type	-
Gate Charge	18nC
Current - Collector Pulsed (Icm)	25A
Current - Collector (Ic) (Max)	18A

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