

STGD6NC60H-1 Information


For Reference Only

Part Number [STGD6NC60H-1](#)
Manufacturer STMicroelectronics
Category Discrete Semiconductor Products
[Transistors - IGBTs - Single](#)
Description IGBT N-CH 600V 7A IPak
Package TO-251-3 Short Leads, IPak, TO-251AA
 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.


STGD6NC60H-1 Specifications

Manufacturer Part Number	STGD6NC60H-1
Manufacturer	STMicroelectronics
Category	Discrete Semiconductor Products Transistors - IGBTs - Single
Package	TO-251-3 Short Leads, IPak, TO-251AA
Series	PowerMESH?
IGBT Type	-
Voltage - Collector Emitter Breakdown (Max)	600V
Current - Collector (Ic) (Max)	15A
Current - Collector Pulsed (Icm)	21A
Vce(on) (Max) @ Vge, Ic	2.5V @ 15V, 3A
Power - Max	62.5W
Switching Energy	20μJ (on), 68μJ (off)
Input Type	Standard
Gate Charge	13.6nC
Td (on/off) @ 25°C	12ns/76ns
Test Condition	390V, 3A, 10 Ohm, 15V
Reverse Recovery Time (trr)	-
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Package / Case	TO-251-3 Short Leads, IPak, TO-251AA
Supplier Device Package	IPAK (TO-251)

[Report errors?](#)

STGD6NC60H-1 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.

STGD6NC60H-1 Payment Methods



STGD6NC60H-1 Shipping Methods



If you have any question about STGD6NC60H-1, please do not hesitate to contact us!

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