

STGF3NC120HD Information


For Reference Only

Part Number [STGF3NC120HD](#)
Manufacturer STMicroelectronics
Category Discrete Semiconductor Products
[Transistors - IGBTs - Single](#)
Description IGBT 1200V 6A 25W TO220FP
Package TO-220-3 Full Pack
 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.


STGF3NC120HD Specifications

Manufacturer Part Number	STGF3NC120HD
Manufacturer	STMicroelectronics
Category	Discrete Semiconductor Products Transistors - IGBTs - Single
Package	TO-220-3 Full Pack
Series	PowerMESH?
IGBT Type	-
Voltage - Collector Emitter Breakdown (Max)	1200V
Current - Collector (Ic) (Max)	6A
Current - Collector Pulsed (Icm)	20A
Vce(on) (Max) @ Vge, Ic	2.8V @ 15V, 3A
Power - Max	25W
Switching Energy	236μJ (on), 290μJ (off)
Input Type	Standard
Gate Charge	24nC
Td (on/off) @ 25°C	15ns/118ns
Test Condition	800V, 3A, 10 Ohm, 15V
Reverse Recovery Time (trr)	51ns
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Package / Case	TO-220-3 Full Pack
Supplier Device Package	TO-220FP
Report errors?	

STGF3NC120HD 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.

STGF3NC120HD Payment Methods



STGF3NC120HD Shipping Methods



If you have any question about STGF3NC120HD, please do not hesitate to contact us!

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