

STGD7NB120S-1 Information


For Reference Only

Part Number [STGD7NB120S-1](#)
Manufacturer STMicroelectronics
Category Discrete Semiconductor Products
[Transistors - IGBTs - Single](#)
Description IGBT 1200V 10A 55W 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.


STGD7NB120S-1 Specifications

Manufacturer Part Number	STGD7NB120S-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)	1200V
Current - Collector (Ic) (Max)	10A
Current - Collector Pulsed (Icm)	20A
Vce(on) (Max) @ Vge, Ic	2.1V @ 15V, 7A
Power - Max	55W
Switching Energy	15mJ (off)
Input Type	Standard
Gate Charge	29nC
Td (on/off) @ 25°C	570ns/-
Test Condition	960V, 7A, 1 kOhm, 15V
Reverse Recovery Time (trr)	-
Operating Temperature	150°C (TJ)
Mounting Type	Through Hole
Package / Case	TO-251-3 Short Leads, IPak, TO-251AA
Supplier Device Package	I-Pak

[Report errors?](#)

STGD7NB120S-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.

STGD7NB120S-1 Payment Methods



STGD7NB120S-1 Shipping Methods



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