

NGTB25N120LWG Information


For Reference Only

Part Number [NGTB25N120LWG](#)
Manufacturer ON Semiconductor
Category Discrete Semiconductor Products
[Transistors - IGBTs - Single](#)
Description IGBT 1200V 50A 192W TO247-3
Package TO-247-3
 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.


NGTB25N120LWG Specifications

Manufacturer Part Number	NGTB25N120LWG
Manufacturer	ON Semiconductor
Category	Discrete Semiconductor Products Transistors - IGBTs - Single
Package	TO-247-3
Series	-
IGBT Type	Trench Field Stop
Voltage - Collector Emitter Breakdown (Max)	1200V
Current - Collector (Ic) (Max)	50A
Current - Collector Pulsed (Icm)	200A
Vce(on) (Max) @ Vge, Ic	2.3V @ 15V, 25A
Power - Max	192W
Switching Energy	3.4mJ (on), 800μJ (off)
Input Type	Standard
Gate Charge	200nC
Td (on/off) @ 25°C	89ns/235ns
Test Condition	600V, 25A, 10 Ohm, 15V
Reverse Recovery Time (trr)	-
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Package / Case	TO-247-3
Supplier Device Package	TO-247

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NGTB25N120LWG 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.

NGTB25N120LWG Payment Methods



NGTB25N120LWG Shipping Methods



If you have any question about NGTB25N120LWG, please do not hesitate to contact us!

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