

NGTB50N120FL2WG Information


For Reference Only

Part Number [NGTB50N120FL2WG](#)
Manufacturer ON Semiconductor
Category Discrete Semiconductor Products
[Transistors - IGBTs - Single](#)
Description IGBT 1200V 100A 535W TO247
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.


NGTB50N120FL2WG Specifications

| | |
|---|---|
| Manufacturer Part Number | NGTB50N120FL2WG |
| 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) | 100A |
| Current - Collector Pulsed (Icm) | 200A |
| Vce(on) (Max) @ Vge, Ic | 2.2V @ 15V, 50A |
| Power - Max | 535W |
| Switching Energy | 4.4mJ (on), 1.4mJ (off) |
| Input Type | Standard |
| Gate Charge | 311nC |
| Td (on/off) @ 25°C | 118ns/282ns |
| Test Condition | 600V, 50A, 10 Ohm, 15V |
| Reverse Recovery Time (trr) | 256ns |
| Operating Temperature | -55°C ~ 175°C (TJ) |
| Mounting Type | Through Hole |
| Package / Case | TO-247-3 |
| Supplier Device Package | TO-247 |

[Report errors?](#)

NGTB50N120FL2WG 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.

NGTB50N120FL2WG Payment Methods



NGTB50N120FL2WG Shipping Methods



If you have any question about NGTB50N120FL2WG, please do not hesitate to contact us!

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