

NGTB50N60S1WG Information


For Reference Only

Part Number [NGTB50N60S1WG](#)
Manufacturer ON Semiconductor
Category Discrete Semiconductor Products
[Transistors - IGBTs - Single](#)
Description IGBT 50A 600V TO-247
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.


NGTB50N60S1WG Specifications

Manufacturer Part Number	NGTB50N60S1WG
Manufacturer	ON Semiconductor
Category	Discrete Semiconductor Products Transistors - IGBTs - Single
Package	TO-247-3
Series	-
IGBT Type	Trench
Voltage - Collector Emitter Breakdown (Max)	600V
Current - Collector (Ic) (Max)	100A
Current - Collector Pulsed (Icm)	200A
Vce(on) (Max) @ Vge, Ic	2V @ 15V, 50A
Power - Max	417W
Switching Energy	1.5mJ (on), 460µJ (off)
Input Type	Standard
Gate Charge	220nC
Td (on/off) @ 25°C	100ns/237ns
Test Condition	400V, 50A, 10 Ohm, 15V
Reverse Recovery Time (trr)	94ns
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Through Hole
Package / Case	TO-247-3
Supplier Device Package	TO-247-3

[Report errors?](#)

NGTB50N60S1WG 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.

NGTB50N60S1WG Payment Methods



NGTB50N60S1WG Shipping Methods



If you have any question about NGTB50N60S1WG, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: salesdept@heisener.com