

NGTB50N65S1WG Information


For Reference Only

Part Number [NGTB50N65S1WG](#)
Manufacturer ON Semiconductor
Category Discrete Semiconductor Products
[Transistors - IGBTs - Single](#)
Description IGBT TRENCH 650V 140A 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.


NGTB50N65S1WG Specifications

Manufacturer Part Number	NGTB50N65S1WG
Manufacturer	ON Semiconductor
Category	Discrete Semiconductor Products Transistors - IGBTs - Single
Package	TO-247-3
Series	-
IGBT Type	Trench
Voltage - Collector Emitter Breakdown (Max)	650V
Current - Collector (Ic) (Max)	140A
Current - Collector Pulsed (Icm)	140A
Vce(on) (Max) @ Vge, Ic	2.45V @ 15V, 50A
Power - Max	300W
Switching Energy	1.25mJ (on), 530μJ (off)
Input Type	Standard
Gate Charge	128nC
Td (on/off) @ 25°C	75ns/128ns
Test Condition	400V, 50A, 10 Ohm, 15V
Reverse Recovery Time (trr)	70ns
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Through Hole
Package / Case	TO-247-3
Supplier Device Package	TO-247

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NGTB50N65S1WG 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.

NGTB50N65S1WG Payment Methods



NGTB50N65S1WG Shipping Methods



If you have any question about NGTB50N65S1WG, please do not hesitate to contact us!

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