

NGTB45N60SWG Information


For Reference Only

Part Number [NGTB45N60SWG](#)
Manufacturer ON Semiconductor
Category Discrete Semiconductor Products
[Transistors - IGBTs - Single](#)
Description IGBT 600V 45A 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


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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.


NGTB45N60SWG Specifications

Manufacturer Part Number	NGTB45N60SWG
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)	600V
Current - Collector (Ic) (Max)	90A
Current - Collector Pulsed (Icm)	180A
Vce(on) (Max) @ Vge, Ic	2.4V @ 15V, 45A
Power - Max	250W
Switching Energy	550µJ (off)
Input Type	Standard
Gate Charge	134nC
Td (on/off) @ 25°C	70ns/144ns
Test Condition	400V, 45A, 10 Ohm, 15V
Reverse Recovery Time (trr)	376ns
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Package / Case	TO-247-3
Supplier Device Package	TO-247-3

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NGTB45N60SWG 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.

NGTB45N60SWG Payment Methods



NGTB45N60SWG Shipping Methods



If you have any question about NGTB45N60SWG, please do not hesitate to contact us!

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