

NGTB60N60SWG Information


For Reference Only

Part Number [NGTB60N60SWG](#)
Manufacturer ON Semiconductor
Category Discrete Semiconductor Products
[Transistors - IGBTs - Single](#)
Description IGBT 600V 120A 298W TO247
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.


NGTB60N60SWG Specifications

Manufacturer Part Number	NGTB60N60SWG
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)	120A
Current - Collector Pulsed (Icm)	240A
Vce(on) (Max) @ Vge, Ic	2.5V @ 15V, 60A
Power - Max	298W
Switching Energy	1.41mJ (on), 600μJ (off)
Input Type	Standard
Gate Charge	173nC
Td (on/off) @ 25°C	87ns/180ns
Test Condition	400V, 60A, 10 Ohm, 15V
Reverse Recovery Time (trr)	76ns
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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NGTB60N60SWG 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.

NGTB60N60SWG Payment Methods



NGTB60N60SWG Shipping Methods



If you have any question about NGTB60N60SWG, please do not hesitate to contact us!

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