

HGTG27N120BN Information


For Reference Only

Part Number [HGTG27N120BN](#)
Manufacturer Fairchild/ON Semiconductor
Category Discrete Semiconductor Products
[Transistors - IGBTs - Single](#)
Description IGBT 1200V 72A 500W 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.


HGTG27N120BN Specifications

Manufacturer Part Number	HGTG27N120BN
Manufacturer	Fairchild/ON Semiconductor
Category	Discrete Semiconductor Products Transistors - IGBTs - Single
Package	TO-247-3
Series	-
IGBT Type	NPT
Voltage - Collector Emitter Breakdown (Max)	1200V
Current - Collector (Ic) (Max)	72A
Current - Collector Pulsed (Icm)	216A
Vce(on) (Max) @ Vge, Ic	2.7V @ 15V, 27A
Power - Max	500W
Switching Energy	2.2mJ (on), 2.3mJ (off)
Input Type	Standard
Gate Charge	270nC
Td (on/off) @ 25°C	24ns/195ns
Test Condition	960V, 27A, 3 Ohm, 15V
Reverse Recovery Time (trr)	-
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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HGTG27N120BN 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.

HGTG27N120BN Payment Methods



HGTG27N120BN Shipping Methods



If you have any question about HGTG27N120BN, please do not hesitate to contact us!

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