

HGTG5N120BND Information



For Reference Only

Part Number [HGTG5N120BND](#)
Manufacturer Fairchild/ON Semiconductor
Category Discrete Semiconductor Products
[Transistors - IGBTs - Single](#)
Description IGBT 1200V 21A 167W 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.



HGTG5N120BND Specifications

Manufacturer Part Number	HGTG5N120BND
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)	21A
Current - Collector Pulsed (Icm)	40A
Vce(on) (Max) @ Vge, Ic	2.7V @ 15V, 5A
Power - Max	167W
Switching Energy	450μJ (on), 390μJ (off)
Input Type	Standard
Gate Charge	53nC
Td (on/off) @ 25°C	22ns/160ns
Test Condition	960V, 5A, 25 Ohm, 15V
Reverse Recovery Time (trr)	65ns
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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HGTG5N120BND 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.

HGTG5N120BND Payment Methods



HGTG5N120BND Shipping Methods



If you have any question about HGTG5N120BND, please do not hesitate to contact us!

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