

APT100GN120B2G Information


For Reference Only

Part Number [APT100GN120B2G](#)
Manufacturer Microsemi Corporation
Category Discrete Semiconductor Products
[Transistors - IGBTs - Single](#)
Description IGBT 1200V 245A 960W TMAX
Package TO-247-3 Variant
 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.


APT100GN120B2G Specifications

Manufacturer Part Number	APT100GN120B2G
Manufacturer	Microsemi Corporation
Category	Discrete Semiconductor Products Transistors - IGBTs - Single
Package	TO-247-3 Variant
Series	-
IGBT Type	Trench Field Stop
Voltage - Collector Emitter Breakdown (Max)	1200V
Current - Collector (Ic) (Max)	245A
Current - Collector Pulsed (Icm)	300A
Vce(on) (Max) @ Vge, Ic	2.1V @ 15V, 100A
Power - Max	960W
Switching Energy	11mJ (on), 9.5mJ (off)
Input Type	Standard
Gate Charge	540nC
Td (on/off) @ 25°C	50ns/615ns
Test Condition	800V, 100A, 1 Ohm, 15V
Reverse Recovery Time (trr)	-
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Package / Case	TO-247-3 Variant
Supplier Device Package	-

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APT100GN120B2G 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.

APT100GN120B2G Payment Methods



APT100GN120B2G Shipping Methods



If you have any question about APT100GN120B2G, please do not hesitate to contact us!

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