

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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