

APT15GN120BDQ1G Information


For Reference Only

Part Number [APT15GN120BDQ1G](#)
Manufacturer Microsemi Corporation
Category Discrete Semiconductor Products
[Transistors - IGBTs - Single](#)
Description IGBT 1200V 45A 195W 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.


APT15GN120BDQ1G Specifications

Manufacturer Part Number	APT15GN120BDQ1G
Manufacturer	Microsemi Corporation
Category	Discrete Semiconductor Products Transistors - IGBTs - Single
Package	TO-247-3
Series	-
IGBT Type	Trench Field Stop
Voltage - Collector Emitter Breakdown (Max)	1200V
Current - Collector (Ic) (Max)	45A
Current - Collector Pulsed (Icm)	45A
Vce(on) (Max) @ Vge, Ic	2.1V @ 15V, 15A
Power - Max	195W
Switching Energy	410µJ (on), 950µJ (off)
Input Type	Standard
Gate Charge	90nC
Td (on/off) @ 25°C	10ns/150ns
Test Condition	800V, 15A, 4.3 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 [B]

[Report errors?](#)

APT15GN120BDQ1G 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.

APT15GN120BDQ1G Payment Methods



APT15GN120BDQ1G Shipping Methods



If you have any question about APT15GN120BDQ1G, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: salesdept@heisener.com