

**APT15GN120KG Information**


For Reference Only

**Part Number** [APT15GN120KG](#)  
**Manufacturer** Microsemi Corporation  
**Category** Discrete Semiconductor Products  
[Transistors - IGBTs - Single](#)  
**Description** IGBT 1200V 45A 195W TO220  
**Package** TO-220-3  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto: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.


**APT15GN120KG Specifications**

Manufacturer Part Number	<a href="#">APT15GN120KG</a>
Manufacturer	Microsemi Corporation
Category	Discrete Semiconductor Products <a href="#">Transistors - IGBTs - Single</a>
Package	TO-220-3
Series	POWER MOS 7?
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-220-3
Supplier Device Package	TO-220 [K]
<a href="#">Report errors?</a>	

## APT15GN120KG 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.

## APT15GN120KG Payment Methods



## APT15GN120KG Shipping Methods



If you have any question about APT15GN120KG, please do not hesitate to contact us!

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