

**APT45GP120J Information**


For Reference Only

**Part Number** [APT45GP120J](#)  
**Manufacturer** Microsemi Corporation  
**Category** Discrete Semiconductor Products  
[Transistors - IGBTs - Modules](#)  
**Description** IGBT 1200V 75A 329W SOT227  
**Package** ISOTOP  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto: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.


**APT45GP120J Specifications**

Manufacturer Part Number	<a href="#">APT45GP120J</a>
Manufacturer	Microsemi Corporation
Category	Discrete Semiconductor Products <a href="#">Transistors - IGBTs - Modules</a>
Package	ISOTOP
Series	POWER MOS 7?
IGBT Type	PT
Configuration	Single
Voltage - Collector Emitter Breakdown (Max)	1200V
Current - Collector (Ic) (Max)	75A
Power - Max	329W
Vce(on) (Max) @ Vge, Ic	3.9V @ 15V, 45A
Current - Collector Cutoff (Max)	500μA
Input Capacitance (Cies) @ Vce	3.94nF @ 25V
Input	Standard
NTC Thermistor	No
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Chassis Mount
Package / Case	ISOTOP
Supplier Device Package	ISOTOP?
<a href="#">Report errors?</a>	

## APT45GP120J 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.

## APT45GP120J Payment Methods



## APT45GP120J Shipping Methods



If you have any question about APT45GP120J, please do not hesitate to contact us!

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