

**APTSM120AM08CT6AG Information**


For Reference Only

**Part Number** [APTSM120AM08CT6AG](#)  
**Manufacturer** Microsemi Corporation  
**Category** Discrete Semiconductor Products  
[Transistors - FETs, MOSFETs - Arrays](#)  
**Description** POWER MODULE - SiC  
**Package** SP6  
 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.


**APTSM120AM08CT6AG Specifications**

Manufacturer Part Number	<a href="#">APTSM120AM08CT6AG</a>
Manufacturer	Microsemi Corporation
Category	Discrete Semiconductor Products <a href="#">Transistors - FETs, MOSFETs - Arrays</a>
Package	SP6
Series	-
FET Type	2 N-Channel (Dual), Schottky
FET Feature	Silicon Carbide (SiC)
Drain to Source Voltage (V <sub>dss</sub> )	1200V (1.2kV)
Current - Continuous Drain (I <sub>d</sub> ) @ 25°C	370A (T <sub>c</sub> )
R <sub>ds</sub> On (Max) @ I <sub>d</sub> , V <sub>gs</sub>	10 mOhm @ 200A, 20V
V <sub>gs</sub> (th) (Max) @ I <sub>d</sub>	3V @ 10mA
Gate Charge (Q <sub>g</sub> ) (Max) @ V <sub>gs</sub>	1360nC @ 20V
Input Capacitance (C <sub>iss</sub> ) (Max) @ V <sub>ds</sub>	-
Power - Max	2300W
Operating Temperature	-40°C ~ 175°C (T <sub>J</sub> )
Mounting Type	Chassis Mount
Package / Case	SP6
Supplier Device Package	SP6

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## APTSM120AM08CT6AG 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.

## APTSM120AM08CT6AG Payment Methods



## APTSM120AM08CT6AG Shipping Methods



If you have any question about APTSM120AM08CT6AG, please do not hesitate to contact us!

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