

**APTMC120AM25CT3AG Information**


For Reference Only

**Part Number** [APTMC120AM25CT3AG](#)  
**Manufacturer** Microsemi Corporation  
**Category** Discrete Semiconductor Products  
[Transistors - FETs, MOSFETs - Arrays](#)  
**Description** MOSFET 2N-CH 1200V 105A SP3F  
**Package** SP3  
 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.


**APTMC120AM25CT3AG Specifications**

Manufacturer Part Number	<a href="#">APTMC120AM25CT3AG</a>
Manufacturer	Microsemi Corporation
Category	Discrete Semiconductor Products <a href="#">Transistors - FETs, MOSFETs - Arrays</a>
Package	SP3
Series	-
FET Type	2 N-Channel (Half Bridge)
FET Feature	Standard
Drain to Source Voltage (V <sub>dss</sub> )	1200V (1.2kV)
Current - Continuous Drain (I <sub>d</sub> ) @ 25°C	105A
R <sub>ds</sub> On (Max) @ I <sub>d</sub> , V <sub>gs</sub>	25 mOhm @ 80A, 20V
V <sub>gs</sub> (th) (Max) @ I <sub>d</sub>	2.2V @ 4mA (Typ)
Gate Charge (Q <sub>g</sub> ) (Max) @ V <sub>gs</sub>	197nC @ 20V
Input Capacitance (C <sub>iss</sub> ) (Max) @ V <sub>ds</sub>	3800pF @ 1000V
Power - Max	500W
Operating Temperature	-40°C ~ 150°C (TJ)
Mounting Type	Chassis Mount
Package / Case	SP3
Supplier Device Package	SP3

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## APTMC120AM25CT3AG 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.

## APTMC120AM25CT3AG Payment Methods



## APTMC120AM25CT3AG Shipping Methods



If you have any question about APTMC120AM25CT3AG, please do not hesitate to contact us!

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E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)