

**APTM50AM19STG Information**


For Reference Only

**Part Number** [APTM50AM19STG](#)  
**Manufacturer** Microsemi Corporation  
**Category** Discrete Semiconductor Products  
[Transistors - FETs, MOSFETs - Arrays](#)  
**Description** MOSFET 2N-CH 500V 170A SP4  
**Package** SP4  
 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.


**APTM50AM19STG Specifications**

Manufacturer Part Number	<a href="#">APTM50AM19STG</a>
Manufacturer	Microsemi Corporation
Category	Discrete Semiconductor Products <a href="#">Transistors - FETs, MOSFETs - Arrays</a>
Package	SP4
Series	-
FET Type	2 N-Channel (Half Bridge)
FET Feature	Silicon Carbide (SiC)
Drain to Source Voltage (Vdss)	500V
Current - Continuous Drain (Id) @ 25°C	170A
Rds On (Max) @ Id, Vgs	19 mOhm @ 85A, 10V
Vgs(th) (Max) @ Id	5V @ 10mA
Gate Charge (Qg) (Max) @ Vgs	492nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	22400pF @ 25V
Power - Max	1250W
Operating Temperature	-40°C ~ 150°C (TJ)
Mounting Type	Chassis Mount
Package / Case	SP4
Supplier Device Package	SP4

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## APTM50AM19STG 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.

## APTM50AM19STG Payment Methods



## APTM50AM19STG Shipping Methods



If you have any question about APTM50AM19STG, please do not hesitate to contact us!

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