

**APTM100H45FT3G Information**


For Reference Only

**Part Number** [APTM100H45FT3G](#)  
**Manufacturer** Microsemi Corporation  
**Category** Discrete Semiconductor Products  
[Transistors - FETs, MOSFETs - Arrays](#)  
**Description** MOSFET 4N-CH 1000V 18A SP3  
**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.


**APTM100H45FT3G Specifications**

Manufacturer Part Number	<a href="#">APTM100H45FT3G</a>
Manufacturer	Microsemi Corporation
Category	Discrete Semiconductor Products <a href="#">Transistors - FETs, MOSFETs - Arrays</a>
Package	SP3
Series	-
FET Type	4 N-Channel (H-Bridge)
FET Feature	Standard
Drain to Source Voltage (Vdss)	1000V (1kV)
Current - Continuous Drain (Id) @ 25°C	18A
Rds On (Max) @ Id, Vgs	540 mOhm @ 9A, 10V
Vgs(th) (Max) @ Id	5V @ 2.5mA
Gate Charge (Qg) (Max) @ Vgs	154nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	4350pF @ 25V
Power - Max	357W
Operating Temperature	-40°C ~ 150°C (TJ)
Mounting Type	Chassis Mount
Package / Case	SP3
Supplier Device Package	SP3

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## APTM100H45FT3G 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.

## APTM100H45FT3G Payment Methods



## APTM100H45FT3G Shipping Methods



If you have any question about APTM100H45FT3G, please do not hesitate to contact us!

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