

APTC60AM45BC1G Information


For Reference Only

Part Number [APTC60AM45BC1G](#)
Manufacturer Microsemi Corporation
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Arrays](#)
Description MOSFET 3N-CH 600V 49A SP1
Package SP1
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: 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.


APTC60AM45BC1G Specifications

Manufacturer Part Number	APTC60AM45BC1G
Manufacturer	Microsemi Corporation
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Arrays
Package	SP1
Series	CoolMOS?
FET Type	3 N Channel (Phase Leg + Boost Chopper)
FET Feature	Standard
Drain to Source Voltage (Vdss)	600V
Current - Continuous Drain (Id) @ 25°C	49A
Rds On (Max) @ Id, Vgs	45 mOhm @ 24.5A, 10V
Vgs(th) (Max) @ Id	3.9V @ 3mA
Gate Charge (Qg) (Max) @ Vgs	150nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	7200pF @ 25V
Power - Max	250W
Operating Temperature	-40°C ~ 150°C (TJ)
Mounting Type	Chassis Mount
Package / Case	SP1
Supplier Device Package	SP1

[Report errors?](#)

APTC60AM45BC1G 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.

APTC60AM45BC1G Payment Methods



APTC60AM45BC1G Shipping Methods



If you have any question about APTC60AM45BC1G, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: salesdept@heisener.com