

APTM100A23SCTG Information


For Reference Only

Part Number [APTM100A23SCTG](#)
Manufacturer Microsemi Corporation
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Arrays](#)
Description MOSFET 2N-CH 1000V 36A SP4
Package SP4
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: salesdept@heisener.com



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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.


APTM100A23SCTG Specifications

Manufacturer Part Number	APTM100A23SCTG
Manufacturer	Microsemi Corporation
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Arrays
Package	SP4
Series	-
FET Type	2 N-Channel (Half Bridge)
FET Feature	Silicon Carbide (SiC)
Drain to Source Voltage (Vdss)	1000V (1kV)
Current - Continuous Drain (Id) @ 25°C	36A
Rds On (Max) @ Id, Vgs	270 mOhm @ 18A, 10V
Vgs(th) (Max) @ Id	5V @ 5mA
Gate Charge (Qg) (Max) @ Vgs	308nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	8700pF @ 25V
Power - Max	694W
Operating Temperature	-40°C ~ 150°C (TJ)
Mounting Type	Chassis Mount
Package / Case	SP4
Supplier Device Package	SP4

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APTM100A23SCTG 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.

APTM100A23SCTG Payment Methods



APTM100A23SCTG Shipping Methods



If you have any question about APTM100A23SCTG, please do not hesitate to contact us!

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