

APTM50UM19SG Information


For Reference Only

Part Number [APTM50UM19SG](#)
Manufacturer Microsemi Corporation
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 500V 163A J3
Package J3 Module
 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.


APTM50UM19SG Specifications

Manufacturer Part Number	APTM50UM19SG
Manufacturer	Microsemi Corporation
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	J3 Module
Series	-
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	500V
Current - Continuous Drain (Id) @ 25°C	163A
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	5V @ 10mA
Gate Charge (Qg) (Max) @ Vgs	492nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	22400pF @ 25V
Vgs (Max)	±30V
FET Feature	-
Power Dissipation (Max)	1136W (Tc)
Rds On (Max) @ Id, Vgs	19 mOhm @ 81.5A, 10V
Operating Temperature	-40°C ~ 150°C (TJ)
Mounting Type	Chassis Mount
Supplier Device Package	Module
Package / Case	J3 Module

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APTM50UM19SG 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.

APTM50UM19SG Payment Methods



APTM50UM19SG Shipping Methods



If you have any question about APTM50UM19SG, please do not hesitate to contact us!

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