

APT51F50J Information


For Reference Only

Part Number [APT51F50J](#)
Manufacturer Microsemi Corporation
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 500V 51A SOT-227
Package SOT-227-4, miniBLOC
 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.


APT51F50J Specifications

Manufacturer Part Number	APT51F50J
Manufacturer	Microsemi Corporation
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	SOT-227-4, miniBLOC
Series	-
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (V _{dss})	500V
Current - Continuous Drain (I _d) @ 25°C	51A
Drive Voltage (Max R _{ds} On, Min R _{ds} On)	10V
V _{gs} (th) (Max) @ I _d	5V @ 2.5mA
Gate Charge (Q _g) (Max) @ V _{gs}	290nC @ 10V
Input Capacitance (C _{iss}) (Max) @ V _{ds}	11600pF @ 25V
V _{gs} (Max)	±30V
FET Feature	-
Power Dissipation (Max)	480W (T _c)
R _{ds} On (Max) @ I _d , V _{gs}	75 mOhm @ 37A, 10V
Operating Temperature	-55°C ~ 150°C (T _J)
Mounting Type	Chassis Mount
Supplier Device Package	ISOTOP?
Package / Case	SOT-227-4, miniBLOC

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APT51F50J 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.

APT51F50J Payment Methods



APT51F50J Shipping Methods



If you have any question about APT51F50J, please do not hesitate to contact us!

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