

APT30F50S Information


For Reference Only

Part Number [APT30F50S](#)
Manufacturer Microsemi Corporation
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 500V 30A D3PAK
Package TO-268-3, D3Pak (2 Leads + Tab), TO-268AA
 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.


APT30F50S Specifications

Manufacturer Part Number	APT30F50S
Manufacturer	Microsemi Corporation
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	TO-268-3, D3Pak (2 Leads + Tab), TO-268AA
Series	POWER MOS 8?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	500V
Current - Continuous Drain (Id) @ 25°C	30A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	5V @ 1mA
Gate Charge (Qg) (Max) @ Vgs	115nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	4525pF @ 25V
Vgs (Max)	±30V
FET Feature	-
Power Dissipation (Max)	415W (Tc)
Rds On (Max) @ Id, Vgs	190 mOhm @ 14A, 10V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	D3Pak
Package / Case	TO-268-3, D3Pak (2 Leads + Tab), TO-268AA

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APT30F50S 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.

APT30F50S Payment Methods



APT30F50S Shipping Methods



If you have any question about APT30F50S, please do not hesitate to contact us!

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