

FQPF5N50CT Information


For Reference Only

Part Number [FQPF5N50CT](#)
Manufacturer Fairchild/ON Semiconductor
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 500V 5A TO-220F
Package TO-220-3 Full Pack
 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.


FQPF5N50CT Specifications

Manufacturer Part Number	FQPF5N50CT
Manufacturer	Fairchild/ON Semiconductor
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	TO-220-3 Full Pack
Series	QFET?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (V _{dss})	500V
Current - Continuous Drain (I _d) @ 25°C	5A (T _c)
Drive Voltage (Max R _{ds On} , Min R _{ds On})	10V
V _{gs(th)} (Max) @ I _d	4V @ 250μA
Gate Charge (Q _g) (Max) @ V _{gs}	24nC @ 10V
Input Capacitance (C _{iss}) (Max) @ V _{ds}	625pF @ 25V
V _{gs} (Max)	±30V
FET Feature	-
Power Dissipation (Max)	38W (T _c)
R _{ds On} (Max) @ I _d , V _{gs}	1.4 Ohm @ 2.5A, 10V
Operating Temperature	-55°C ~ 150°C (T _J)
Mounting Type	Through Hole
Supplier Device Package	TO-220F
Package / Case	TO-220-3 Full Pack

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FQPF5N50CT 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.

FQPF5N50CT Payment Methods



FQPF5N50CT Shipping Methods



If you have any question about FQPF5N50CT, please do not hesitate to contact us!

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