

FDPF5N50NZ Information


For Reference Only

Part Number [FDPF5N50NZ](#)
Manufacturer Fairchild/ON Semiconductor
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 500V 4.5A TO220F
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.


FDPF5N50NZ Specifications

Manufacturer Part Number	FDPF5N50NZ
Manufacturer	Fairchild/ON Semiconductor
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	TO-220-3 Full Pack
Series	UniFET-II?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (V _{dss})	500V
Current - Continuous Drain (I _d) @ 25°C	4.5A (T _c)
Drive Voltage (Max R _{ds On} , Min R _{ds On})	10V
V _{gs(th)} (Max) @ I _d	5V @ 250μA
Gate Charge (Q _g) (Max) @ V _{gs}	12nC @ 10V
Input Capacitance (C _{iss}) (Max) @ V _{ds}	440pF @ 25V
V _{gs} (Max)	±25V
FET Feature	-
Power Dissipation (Max)	30W (T _c)
R _{ds On} (Max) @ I _d , V _{gs}	1.5 Ohm @ 2.25A, 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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FDPF5N50NZ 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.

FDPF5N50NZ Payment Methods



FDPF5N50NZ Shipping Methods



If you have any question about FDPF5N50NZ, please do not hesitate to contact us!

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