

FQPF6N40CF Information


For Reference Only

Part Number [FQPF6N40CF](#)
Manufacturer Fairchild/ON Semiconductor
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 400V 6A 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.


FQPF6N40CF Specifications

Manufacturer Part Number	FQPF6N40CF
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 (Vds)	400V
Current - Continuous Drain (Id) @ 25°C	6A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	4V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	20nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	625pF @ 25V
Vgs (Max)	±30V
FET Feature	-
Power Dissipation (Max)	38W (Tc)
Rds On (Max) @ Id, Vgs	1 Ohm @ 3A, 10V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	TO-220F
Package / Case	TO-220-3 Full Pack

[Report errors?](#)

FQPF6N40CF 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.

FQPF6N40CF Payment Methods



FQPF6N40CF Shipping Methods



If you have any question about FQPF6N40CF, please do not hesitate to contact us!

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