



FDPF3860T Information



For Reference Only

Part Number FDPF3860T

Manufacturer Fairchild/ON Semiconductor

Category Discrete Semiconductor Products
Transistors - FETs, MOSFETs - Single

Description MOSFET N-CH 100V 20A 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



Request a Quote

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.









FDPF3860T Specifications

Manufacturer Part Number	FDPF3860T
Manufacturer	Fairchild/ON Semiconductor
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	TO-220-3 Full Pack
Series	PowerTrench?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	100V
Current - Continuous Drain (Id) @ 25°C	20A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	4.5V @ 250μA
Gate Charge (Qg) (Max) @ Vgs	35nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	1800pF @ 25V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	33.8W (Tc)
Rds On (Max) @ Id, Vgs	38.2 mOhm @ 5.9A, 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?

FDPF3860T 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.

FDPF3860T Payment Methods





















FDPF3860T Shipping Methods













If you have any question about FDPF3860T, please do not hesitate to contact us!

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