

FDH45N50F_F133 Information


For Reference Only

Part Number [FDH45N50F_F133](#)
Manufacturer Fairchild/ON Semiconductor
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 500V 45A TO-247
Package TO-247-3
 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.


FDH45N50F_F133 Specifications

Manufacturer Part Number	FDH45N50F_F133
Manufacturer	Fairchild/ON Semiconductor
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	TO-247-3
Series	UniFET?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	500V
Current - Continuous Drain (Id) @ 25°C	45A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	5V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	137nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	6630pF @ 25V
Vgs (Max)	±30V
FET Feature	-
Power Dissipation (Max)	625W (Tc)
Rds On (Max) @ Id, Vgs	120 mOhm @ 22.5A, 10V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	TO-247-3
Package / Case	TO-247-3

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FDH45N50F_F133 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.

FDH45N50F_F133 Payment Methods



FDH45N50F_F133 Shipping Methods



If you have any question about FDH45N50F_F133, please do not hesitate to contact us!

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