FDH50N50 Information

For Reference Only

Part Number	FDH50N50
Manufacturer	Fairchild/ON Semiconductor
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Description	MOSFET N-CH 500V 48A 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

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.

FDH50N50 Specifications

Manufacturer Part Number	FDH50N50
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	48A (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	6460pF @ 25V
Vgs (Max)	±30V
FET Feature	-
Power Dissipation (Max)	625W (Tc)
Rds On (Max) @ Id, Vgs	105 mOhm @ 24A, 10V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	TO-247
Package / Case	TO-247-3

Report errors?

FDH50N50 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.

FDH50N50 Payment Methods

FDH50N50 Shipping Methods

If you have any question about FDH50N50, please do not hesitate to contact us!
Website: https://www.heisener.com
E-mail: salesdept@heisener.com