

FDH5500 Information


For Reference Only

Part Number [FDH5500](#)
Manufacturer Fairchild/ON Semiconductor
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 55V 75A 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.


FDH5500 Specifications

Manufacturer Part Number	FDH5500
Manufacturer	Fairchild/ON Semiconductor
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	TO-247-3
Series	UltraFET?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (V _{ds})	55V
Current - Continuous Drain (I _d) @ 25°C	75A (T _c)
Drive Voltage (Max R _{ds} On, Min R _{ds} On)	10V
V _{gs} (th) (Max) @ I _d	4V @ 250μA
Gate Charge (Q _g) (Max) @ V _{gs}	268nC @ 20V
Input Capacitance (C _{iss}) (Max) @ V _{ds}	3565pF @ 25V
V _{gs} (Max)	±30V
FET Feature	-
Power Dissipation (Max)	375W (T _c)
R _{ds} On (Max) @ I _d , V _{gs}	7 mOhm @ 75A, 10V
Operating Temperature	-55°C ~ 175°C (T _J)
Mounting Type	Through Hole
Supplier Device Package	TO-247
Package / Case	TO-247-3

[Report errors?](#)

FDH5500 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.

FDH5500 Payment Methods



FDH5500 Shipping Methods



If you have any question about FDH5500, please do not hesitate to contact us!

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