



#### FDH047AN08A0 Information



For Reference Only

Part Number FDH047AN08A0

ManufacturerFairchild/ON SemiconductorCategoryDiscrete Semiconductor ProductsTransistors - FETs, MOSFETs - Single

**Description** MOSFET N-CH 75V 80A 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.









## FDH047AN08A0 Specifications

Manufacturer Part Number	FDH047AN08A0
Manufacturer	Fairchild/ON Semiconductor
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	TO-247-3
Series	PowerTrench?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	75V
Current - Continuous Drain (Id) @ 25°C	15A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	6V, 10V
Vgs(th) (Max) @ Id	4V @ 250μA
Gate Charge (Qg) (Max) @ Vgs	138nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	6600pF @ 25V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	310W (Tc)
Rds On (Max) @ Id, Vgs	4.7 mOhm @ 80A, 10V
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	TO-247
Package / Case	TO-247-3
	Report errors?

#### FDH047AN08A0 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.

## FDH047AN08A0 Payment Methods



















## FDH047AN08A0 Shipping Methods













If you have any question about FDH047AN08A0, please do not hesitate to contact us!

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