



### **FDMC86184 Information**

Heisener.com

Part Number FDMC86184

Manufacturer Fairchild/ON Semiconductor

Category Discrete Semiconductor Products
Transistors - FETs, MOSFETs - Single

**Description** MOSFET N-CH 100V 57A 8PQFN

Package 8-PowerWDFN

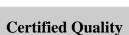
For the pricing/inventory/lead time, please contact

us

For Reference Only

Website: https://www.heisener.com
E-mail: salesdept@heisener.com

Request a Quote



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.









## **FDMC86184 Specifications**

Manufacturer Part Number	FDMC86184
Manufacturer	Fairchild/ON Semiconductor
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	8-PowerWDFN
Series	PowerTrench?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	100V
Current - Continuous Drain (Id) @ 25°C	57A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	6V, 10V
Vgs(th) (Max) @ Id	4V @ 110μA
Gate Charge (Qg) (Max) @ Vgs	20nC @ 6V
Input Capacitance (Ciss) (Max) @ Vds	2090pF @ 50V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	54W (Tc)
Rds On (Max) @ Id, Vgs	8.5 mOhm @ 21A, 10V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	8-PQFN (3.3x3.3), Power33
Package / Case	8-PowerWDFN
	Report errors?

### FDMC86184 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.

### FDMC86184 Payment Methods



















# **FDMC86184 Shipping Methods**













If you have any question about FDMC86184, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com