

FDMS039N08B Information


For Reference Only

Part Number [FDMS039N08B](#)
Manufacturer Fairchild/ON Semiconductor
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 80V 19.4A POWER56
Package 8-PowerTDFN
 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.


FDMS039N08B Specifications

Manufacturer Part Number	FDMS039N08B
Manufacturer	Fairchild/ON Semiconductor
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	8-PowerTDFN
Series	PowerTrench?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (V _{ds})	80V
Current - Continuous Drain (I _d) @ 25°C	19.4A (T _a), 100A (T _c)
Drive Voltage (Max R _{ds} On, Min R _{ds} On)	10V
V _{gs} (th) (Max) @ I _d	4.5V @ 250μA
Gate Charge (Q _g) (Max) @ V _{gs}	100nC @ 10V
Input Capacitance (C _{iss}) (Max) @ V _{ds}	7600pF @ 40V
V _{gs} (Max)	±20V
FET Feature	-
Power Dissipation (Max)	2.5W (T _a), 104W (T _c)
R _{ds} On (Max) @ I _d , V _{gs}	3.9 mOhm @ 50A, 10V
Operating Temperature	-55°C ~ 150°C (T _J)
Mounting Type	Surface Mount
Supplier Device Package	8-PQFN (5x6), Power56
Package / Case	8-PowerTDFN

[Report errors?](#)

FDMS039N08B 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.

FDMS039N08B Payment Methods



FDMS039N08B Shipping Methods



If you have any question about FDMS039N08B, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: salesdept@heisener.com