



FDMS86101DC Information



For Reference Only

Part Number FDMS86101DC

Manufacturer Fairchild/ON Semiconductor

Category Discrete Semiconductor Products
Transistors - FETs, MOSFETs - Single

Description MOSFET N-CH 100V 14.5A 8-PQFN

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.









FDMS86101DC Specifications

Manufacturer Part Number	FDMS86101DC
Manufacturer	Fairchild/ON Semiconductor
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	8-PowerTDFN
Series	Dual Cool?, PowerTrench?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	100V
Current - Continuous Drain (Id) @ 25°C	14.5A (Ta), 60A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	6V, 10V
Vgs(th) (Max) @ Id	4V @ 250μA
Gate Charge (Qg) (Max) @ Vgs	44nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	3135pF @ 50V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	3.2W (Ta), 125W (Tc)
Rds On (Max) @ Id, Vgs	7.5 mOhm @ 14.5A, 10V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	Dual Cool?56
Package / Case	8-PowerTDFN
	Report errors?

FDMS86101DC 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.

FDMS86101DC Payment Methods



















FDMS86101DC Shipping Methods













If you have any question about FDMS86101DC, please do not hesitate to contact us!

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