

FDMS8570SDC Information


For Reference Only

Part Number [FDMS8570SDC](#)
Manufacturer Fairchild/ON Semiconductor
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 25V 28A PQFN
Package 8-PowerTDFN
 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.


FDMS8570SDC Specifications

Manufacturer Part Number	FDMS8570SDC
Manufacturer	Fairchild/ON Semiconductor
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	8-PowerTDFN
Series	PowerTrench?, SyncFET?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (V _{ds})	25V
Current - Continuous Drain (I _d) @ 25°C	28A (Ta), 60A (Tc)
Drive Voltage (Max R _{ds} On, Min R _{ds} On)	4.5V, 10V
V _{gs} (th) (Max) @ I _d	2.2V @ 1mA
Gate Charge (Q _g) (Max) @ V _{gs}	42nC @ 10V
Input Capacitance (C _{iss}) (Max) @ V _{ds}	2825pF @ 13V
V _{gs} (Max)	±12V
FET Feature	Schottky Diode (Body)
Power Dissipation (Max)	3.3W (Ta), 59W (Tc)
R _{ds} On (Max) @ I _d , V _{gs}	2.8 mOhm @ 28A, 10V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	Dual Cool?56
Package / Case	8-PowerTDFN

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FDMS8570SDC 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.

FDMS8570SDC Payment Methods



FDMS8570SDC Shipping Methods



If you have any question about FDMS8570SDC, please do not hesitate to contact us!

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