

FDMS8050 Information


For Reference Only

Part Number [FDMS8050](#)
Manufacturer Fairchild/ON Semiconductor
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description PT8 N 30/20 IN POWERCLIP 56 SING
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.


FDMS8050 Specifications

Manufacturer Part Number	FDMS8050
Manufacturer	Fairchild/ON Semiconductor
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	8-PowerTDFN
Series	-
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (V _{ds})	30V
Current - Continuous Drain (I _d) @ 25°C	55A (T _c)
Drive Voltage (Max R _{ds} On, Min R _{ds} On)	4.5V, 10V
V _{gs} (th) (Max) @ I _d	3V @ 750μA
Gate Charge (Q _g) (Max) @ V _{gs}	285nC @ 10V
Input Capacitance (C _{iss}) (Max) @ V _{ds}	22610pF @ 15V
V _{gs} (Max)	±20V
FET Feature	-
Power Dissipation (Max)	156W (T _c)
R _{ds} On (Max) @ I _d , V _{gs}	0.65 mOhm @ 55A, 10V
Operating Temperature	-55°C ~ 150°C (T _J)
Mounting Type	Surface Mount
Supplier Device Package	8-PQFN (5x6)
Package / Case	8-PowerTDFN

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FDMS8050 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.

FDMS8050 Payment Methods



FDMS8050 Shipping Methods



If you have any question about FDMS8050, please do not hesitate to contact us!

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