

FDMS6681Z Information


For Reference Only

Part Number [FDMS6681Z](#)
Manufacturer Fairchild/ON Semiconductor
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET P-CH 30V 21.1A POWER56
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.


FDMS6681Z Specifications

Manufacturer Part Number	FDMS6681Z
Manufacturer	Fairchild/ON Semiconductor
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	8-PowerTDFN
Series	PowerTrench?
FET Type	P-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (V _{ds})	30V
Current - Continuous Drain (I _d) @ 25°C	21.1A (T _a), 49A (T _c)
Drive Voltage (Max R _{ds} On, Min R _{ds} On)	4.5V, 10V
V _{gs} (th) (Max) @ I _d	3V @ 250μA
Gate Charge (Q _g) (Max) @ V _{gs}	241nC @ 10V
Input Capacitance (C _{iss}) (Max) @ V _{ds}	10380pF @ 15V
V _{gs} (Max)	±25V
FET Feature	-
Power Dissipation (Max)	2.5W (T _a), 73W (T _c)
R _{ds} On (Max) @ I _d , V _{gs}	3.2 mOhm @ 22.1A, 10V
Operating Temperature	-55°C ~ 150°C (T _J)
Mounting Type	Surface Mount
Supplier Device Package	Power56
Package / Case	8-PowerTDFN

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FDMS6681Z 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.

FDMS6681Z Payment Methods



FDMS6681Z Shipping Methods



If you have any question about FDMS6681Z, please do not hesitate to contact us!

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