

FDMD82100 Information


For Reference Only

Part Number [FDMD82100](#)
Manufacturer Fairchild/ON Semiconductor
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Arrays](#)
Description MOSFET 2N-CH 100V 7A 12POWER
Package 12-PowerWDFN
 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.


FDMD82100 Specifications

Manufacturer Part Number	FDMD82100
Manufacturer	Fairchild/ON Semiconductor
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Arrays
Package	12-PowerWDFN
Series	PowerTrench?
FET Type	2 N-Channel (Dual)
FET Feature	Standard
Drain to Source Voltage (V _{dss})	100V
Current - Continuous Drain (I _d) @ 25°C	7A
R _{ds} On (Max) @ I _d , V _{gs}	19 mOhm @ 7A, 10V
V _{gs} (th) (Max) @ I _d	4V @ 250μA
Gate Charge (Q _g) (Max) @ V _{gs}	17nC @ 10V
Input Capacitance (C _{iss}) (Max) @ V _{ds}	1070pF @ 50V
Power - Max	1W
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Package / Case	12-PowerWDFN
Supplier Device Package	12-Power3.3x5

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FDMD82100 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.

FDMD82100 Payment Methods



FDMD82100 Shipping Methods



If you have any question about FDMD82100, please do not hesitate to contact us!

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