

FDMQ86530L Information


For Reference Only

Part Number [FDMQ86530L](#)
Manufacturer Fairchild/ON Semiconductor
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Arrays](#)
Description MOSFET 4N-CH 60V 8A MLP4.5X5
Package 12-WDFN Exposed Pad
 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.


FDMQ86530L Specifications

Manufacturer Part Number	FDMQ86530L
Manufacturer	Fairchild/ON Semiconductor
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Arrays
Package	12-WDFN Exposed Pad
Series	GreenBridge? PowerTrench?
FET Type	4 N-Channel (H-Bridge)
FET Feature	Logic Level Gate
Drain to Source Voltage (V _{ds})	60V
Current - Continuous Drain (I _d) @ 25°C	8A
R _{ds} On (Max) @ I _d , V _{gs}	17.5 mOhm @ 8A, 10V
V _{gs} (th) (Max) @ I _d	3V @ 250μA
Gate Charge (Q _g) (Max) @ V _{gs}	33nC @ 10V
Input Capacitance (C _{iss}) (Max) @ V _{ds}	2295pF @ 30V
Power - Max	1.9W
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Package / Case	12-WDFN Exposed Pad
Supplier Device Package	12-MLP (5x4.5)

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FDMQ86530L 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.

FDMQ86530L Payment Methods



FDMQ86530L Shipping Methods



If you have any question about FDMQ86530L, please do not hesitate to contact us!

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