

FDMS8090 Information


For Reference Only

Part Number [FDMS8090](#)
Manufacturer Fairchild/ON Semiconductor
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Arrays](#)
Description MOSFET 2N-CH 100V 10A PWR56
Package 8-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.


FDMS8090 Specifications

| | |
|---|---|
| Manufacturer Part Number | FDMS8090 |
| Manufacturer | Fairchild/ON Semiconductor |
| Category | Discrete Semiconductor Products Transistors - FETs, MOSFETs - Arrays |
| Package | 8-PowerWDFN |
| Series | PowerTrench? |
| FET Type | 2 N-Channel (Dual) |
| FET Feature | Logic Level Gate |
| Drain to Source Voltage (V _{ds}) | 100V |
| Current - Continuous Drain (I _d) @ 25°C | 10A |
| R _{ds} On (Max) @ I _d , V _{gs} | 13 mOhm @ 10A, 10V |
| V _{gs} (th) (Max) @ I _d | 4V @ 250μA |
| Gate Charge (Q _g) (Max) @ V _{gs} | 27nC @ 10V |
| Input Capacitance (C _{iss}) (Max) @ V _{ds} | 1800pF @ 50V |
| Power - Max | 2.2W |
| Operating Temperature | -55°C ~ 150°C (TJ) |
| Mounting Type | Surface Mount |
| Package / Case | 8-PowerWDFN |
| Supplier Device Package | Power56 |

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FDMS8090 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.

FDMS8090 Payment Methods



FDMS8090 Shipping Methods



If you have any question about FDMS8090, please do not hesitate to contact us!

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