

FDMD8580 Information


For Reference Only

Part Number [FDMD8580](#)
Manufacturer Fairchild/ON Semiconductor
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Arrays](#)
Description MOSFET 80V 16A POWER 5X6
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.


FDMD8580 Specifications

| | |
|--|---|
| Manufacturer Part Number | FDMD8580 |
| 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 | Standard |
| Drain to Source Voltage (Vdss) | 80V |
| Current - Continuous Drain (Id) @ 25°C | 16A (Ta), 82A (Tc) |
| Rds On (Max) @ Id, Vgs | 4.6 mOhm @ 16A, 10V |
| Vgs(th) (Max) @ Id | 4.5V @ 250µA |
| Gate Charge (Qg) (Max) @ Vgs | 80nC @ 10V |
| Input Capacitance (Ciss) (Max) @ Vds | 5875pF @ 40V |
| Power - Max | 2.3W |
| Operating Temperature | -55°C ~ 150°C (TJ) |
| Mounting Type | Surface Mount |
| Package / Case | 8-PowerWDFN |
| Supplier Device Package | 8-Power 5x6 |

[Report errors?](#)

FDMD8580 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.

FDMD8580 Payment Methods



FDMD8580 Shipping Methods



If you have any question about FDMD8580, please do not hesitate to contact us!

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