

FDM2509NZ Information


For Reference Only

Part Number [FDM2509NZ](#)
Manufacturer Fairchild/ON Semiconductor
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Arrays](#)
Description MOSFET 2N-CH 20V 8.7A 2X5MLP
Package 6-WDFDN 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.


FDM2509NZ Specifications

| | |
|---|---|
| Manufacturer Part Number | FDM2509NZ |
| Manufacturer | Fairchild/ON Semiconductor |
| Category | Discrete Semiconductor Products Transistors - FETs, MOSFETs - Arrays |
| Package | 6-WDFDN Exposed Pad |
| Series | PowerTrench? |
| FET Type | 2 N-Channel (Dual) |
| FET Feature | Logic Level Gate |
| Drain to Source Voltage (V _{dss}) | 20V |
| Current - Continuous Drain (I _d) @ 25°C | 8.7A |
| R _{ds} On (Max) @ I _d , V _{gs} | 18 mOhm @ 8.7A, 4.5V |
| V _{gs(th)} (Max) @ I _d | 1.5V @ 250μA |
| Gate Charge (Q _g) (Max) @ V _{gs} | 17nC @ 4.5V |
| Input Capacitance (C _{iss}) (Max) @ V _{ds} | 1200pF @ 10V |
| Power - Max | 800mW |
| Operating Temperature | -55°C ~ 150°C (TJ) |
| Mounting Type | Surface Mount |
| Package / Case | 6-WDFDN Exposed Pad |
| Supplier Device Package | 6-MicroFET (2x5) |

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FDM2509NZ 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.

FDM2509NZ Payment Methods



FDM2509NZ Shipping Methods



If you have any question about FDM2509NZ, please do not hesitate to contact us!

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