

FDS8978 Information


For Reference Only

Part Number [FDS8978](#)
Manufacturer Fairchild/ON Semiconductor
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Arrays](#)
Description MOSFET 2N-CH 30V 7.5A 8SOIC
Package 8-SOIC (0.154", 3.90mm Width)
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: salesdept@heisener.com



Request a Quote

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.


FDS8978 Specifications

| | |
|---|---|
| Manufacturer Part Number | FDS8978 |
| Manufacturer | Fairchild/ON Semiconductor |
| Category | Discrete Semiconductor Products Transistors - FETs, MOSFETs - Arrays |
| Package | 8-SOIC (0.154", 3.90mm Width) |
| Series | PowerTrench? |
| FET Type | 2 N-Channel (Dual) |
| FET Feature | Logic Level Gate |
| Drain to Source Voltage (V _{ds}) | 30V |
| Current - Continuous Drain (I _d) @ 25°C | 7.5A |
| R _{ds} On (Max) @ I _d , V _{gs} | 18 mOhm @ 7.5A, 10V |
| V _{gs} (th) (Max) @ I _d | 2.5V @ 250μA |
| Gate Charge (Q _g) (Max) @ V _{gs} | 26nC @ 10V |
| Input Capacitance (C _{iss}) (Max) @ V _{ds} | 1270pF @ 15V |
| Power - Max | 1.6W |
| Operating Temperature | -55°C ~ 150°C (TJ) |
| Mounting Type | Surface Mount |
| Package / Case | 8-SOIC (0.154", 3.90mm Width) |
| Supplier Device Package | 8-SO |

[Report errors?](#)

FDS8978 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.

FDS8978 Payment Methods



FDS8978 Shipping Methods



If you have any question about FDS8978, please do not hesitate to contact us!

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