

FDS6294 Information


For Reference Only

Part Number [FDS6294](#)
Manufacturer Fairchild/ON Semiconductor
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 30V 13A 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


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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.


FDS6294 Specifications

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|--|---|
| Manufacturer Part Number | FDS6294 |
| Manufacturer | Fairchild/ON Semiconductor |
| Category | Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single |
| Package | 8-SOIC (0.154", 3.90mm Width) |
| Series | PowerTrench? |
| FET Type | N-Channel |
| Technology | MOSFET (Metal Oxide) |
| Drain to Source Voltage (V _{dss}) | 30V |
| Current - Continuous Drain (I _d) @ 25°C | 13A (T _a) |
| Drive Voltage (Max R _{ds On} , Min R _{ds On}) | 4.5V, 10V |
| V _{gs(th)} (Max) @ I _d | 3V @ 250μA |
| Gate Charge (Q _g) (Max) @ V _{gs} | 14nC @ 5V |
| Input Capacitance (C _{iss}) (Max) @ V _{ds} | 1205pF @ 15V |
| V _{gs} (Max) | ±20V |
| FET Feature | - |
| Power Dissipation (Max) | 3W (T _a) |
| R _{ds On} (Max) @ I _d , V _{gs} | 11.3 mOhm @ 13A, 10V |
| Operating Temperature | -55°C ~ 175°C (T _J) |
| Mounting Type | Surface Mount |
| Supplier Device Package | 8-SO |
| Package / Case | 8-SOIC (0.154", 3.90mm Width) |

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FDS6294 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.

FDS6294 Payment Methods



FDS6294 Shipping Methods



If you have any question about FDS6294, please do not hesitate to contact us!

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