

FDS6294 Information



For Reference Only

Part Number FDS6294

ManufacturerFairchild/ON SemiconductorCategoryDiscrete Semiconductor ProductsTransistors - 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



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.









FDS6294 Specifications

| 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 (Vdss) | 30V |
| Current - Continuous Drain (Id) @ 25°C | 13A (Ta) |
| Drive Voltage (Max Rds On, Min Rds On) | 4.5V, 10V |
| Vgs(th) (Max) @ Id | 3V @ 250μA |
| Gate Charge (Qg) (Max) @ Vgs | 14nC @ 5V |
| Input Capacitance (Ciss) (Max) @ Vds | 1205pF @ 15V |
| Vgs (Max) | ±20V |
| FET Feature | - |
| Power Dissipation (Max) | 3W (Ta) |
| Rds On (Max) @ Id, Vgs | 11.3 mOhm @ 13A, 10V |
| Operating Temperature | -55°C ~ 175°C (TJ) |
| Mounting Type | Surface Mount |
| Supplier Device Package | 8-SO |
| Package / Case | 8-SOIC (0.154", 3.90mm Width) |
| | Report errors? |

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









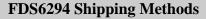
























If you have any question about FDS6294, please do not hesitate to contact us!

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