

FDN5630 Information


For Reference Only

Part Number [FDN5630](#)
Manufacturer Fairchild/ON Semiconductor
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 60V 1.7A SSOT3
Package TO-236-3, SC-59, SOT-23-3
 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.


FDN5630 Specifications

| | |
|--|---|
| Manufacturer Part Number | FDN5630 |
| Manufacturer | Fairchild/ON Semiconductor |
| Category | Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single |
| Package | TO-236-3, SC-59, SOT-23-3 |
| Series | PowerTrench? |
| FET Type | N-Channel |
| Technology | MOSFET (Metal Oxide) |
| Drain to Source Voltage (V _{ds}) | 60V |
| Current - Continuous Drain (I _d) @ 25°C | 1.7A (Ta) |
| Drive Voltage (Max R _{ds} On, Min R _{ds} On) | 6V, 10V |
| V _{gs} (th) (Max) @ I _d | 3V @ 250μA |
| Gate Charge (Q _g) (Max) @ V _{gs} | 10nC @ 10V |
| Input Capacitance (C _{iss}) (Max) @ V _{ds} | 400pF @ 15V |
| V _{gs} (Max) | ±20V |
| FET Feature | - |
| Power Dissipation (Max) | 500mW (Ta) |
| R _{ds} On (Max) @ I _d , V _{gs} | 100 mOhm @ 1.7A, 10V |
| Operating Temperature | -55°C ~ 150°C (TJ) |
| Mounting Type | Surface Mount |
| Supplier Device Package | SuperSOT-3 |
| Package / Case | TO-236-3, SC-59, SOT-23-3 |

[Report errors?](#)

FDN5630 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.

FDN5630 Payment Methods



FDN5630 Shipping Methods



If you have any question about FDN5630, please do not hesitate to contact us!

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