

HUF75829D3 Information


For Reference Only

Part Number [HUF75829D3](#)
Manufacturer Fairchild/ON Semiconductor
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 150V 18A IPAK
Package TO-251-3 Short Leads, IPak, TO-251AA
 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.


HUF75829D3 Specifications

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|--|---|
| Manufacturer Part Number | HUF75829D3 |
| Manufacturer | Fairchild/ON Semiconductor |
| Category | Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single |
| Package | TO-251-3 Short Leads, IPak, TO-251AA |
| Series | UltraFET? |
| FET Type | N-Channel |
| Technology | MOSFET (Metal Oxide) |
| Drain to Source Voltage (Vdss) | 150V |
| Current - Continuous Drain (Id) @ 25°C | 18A (Tc) |
| Drive Voltage (Max Rds On, Min Rds On) | 10V |
| Vgs(th) (Max) @ Id | 4V @ 250µA |
| Gate Charge (Qg) (Max) @ Vgs | 70nC @ 20V |
| Input Capacitance (Ciss) (Max) @ Vds | 1080pF @ 25V |
| Vgs (Max) | ±20V |
| FET Feature | - |
| Power Dissipation (Max) | 110W (Tc) |
| Rds On (Max) @ Id, Vgs | 110 mOhm @ 18A, 10V |
| Operating Temperature | -55°C ~ 175°C (TJ) |
| Mounting Type | Through Hole |
| Supplier Device Package | TO-251AA |
| Package / Case | TO-251-3 Short Leads, IPak, TO-251AA |

[Report errors?](#)

HUF75829D3 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.

HUF75829D3 Payment Methods



HUF75829D3 Shipping Methods



If you have any question about HUF75829D3, please do not hesitate to contact us!

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