

HUFA75829D3ST Information


For Reference Only

Part Number [HUFA75829D3ST](#)
Manufacturer Fairchild/ON Semiconductor
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 150V 18A DPAK
Package TO-252-3, DPak (2 Leads + Tab), SC-63
 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.


HUFA75829D3ST Specifications

Manufacturer Part Number	HUFA75829D3ST
Manufacturer	Fairchild/ON Semiconductor
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	TO-252-3, DPak (2 Leads + Tab), SC-63
Series	UltraFET?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (V _{dss})	150V
Current - Continuous Drain (I _d) @ 25°C	18A (T _c)
Drive Voltage (Max R _{ds On} , Min R _{ds On})	10V
V _{gs(th)} (Max) @ I _d	4V @ 250μA
Gate Charge (Q _g) (Max) @ V _{gs}	70nC @ 20V
Input Capacitance (C _{iss}) (Max) @ V _{ds}	1080pF @ 25V
V _{gs} (Max)	±20V
FET Feature	-
Power Dissipation (Max)	110W (T _c)
R _{ds On} (Max) @ I _d , V _{gs}	110 mOhm @ 18A, 10V
Operating Temperature	-55°C ~ 175°C (T _J)
Mounting Type	Surface Mount
Supplier Device Package	TO-252AA
Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63

[Report errors?](#)

HUFA75829D3ST 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.

HUFA75829D3ST Payment Methods



HUFA75829D3ST Shipping Methods



If you have any question about HUFA75829D3ST, please do not hesitate to contact us!

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