

RFD12N06RLESM9A Information


For Reference Only

Part Number [RFD12N06RLESM9A](#)
Manufacturer Fairchild/ON Semiconductor
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 60V 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.


RFD12N06RLESM9A Specifications

Manufacturer Part Number	RFD12N06RLESM9A
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 (Vdss)	60V
Current - Continuous Drain (Id) @ 25°C	18A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Vgs(th) (Max) @ Id	3V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	15nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	485pF @ 25V
Vgs (Max)	±16V
FET Feature	-
Power Dissipation (Max)	49W (Tc)
Rds On (Max) @ Id, Vgs	63 mOhm @ 18A, 10V
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	TO-252AA
Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63

[Report errors?](#)

RFD12N06RLESM9A 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.

RFD12N06RLESM9A Payment Methods



RFD12N06RLESM9A Shipping Methods



If you have any question about RFD12N06RLESM9A, please do not hesitate to contact us!

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