

FDMS0309AS Information


For Reference Only

Part Number [FDMS0309AS](#)
Manufacturer Fairchild/ON Semiconductor
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 30V 21A PT8
Package 8-PowerTDFN
 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.


FDMS0309AS Specifications

Manufacturer Part Number	FDMS0309AS
Manufacturer	Fairchild/ON Semiconductor
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	8-PowerTDFN
Series	PowerTrench?, SyncFET?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	30V
Current - Continuous Drain (Id) @ 25°C	21A (Ta), 49A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Vgs(th) (Max) @ Id	3V @ 1mA
Gate Charge (Qg) (Max) @ Vgs	47nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	3000pF @ 15V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	2.5W (Ta), 50W (Tc)
Rds On (Max) @ Id, Vgs	3.5 mOhm @ 21A, 10V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	8-PQFN (5x6), Power56
Package / Case	8-PowerTDFN

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FDMS0309AS 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.

FDMS0309AS Payment Methods



FDMS0309AS Shipping Methods



If you have any question about FDMS0309AS, please do not hesitate to contact us!

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