

Specifications	
Part Number	FDMS0309AS
Manufacturer	Fairchild/ON Semiconductor
Description	MOSFET N-CH 30V 21A PT8
Category	Discrete Semiconductor Products > Transistors - FETs,
Part Status	19190 pcs Stock
Vgs(th) (Max) @ Id	3V @ 1mA
Vgs (Max)	±20V
Technology	MOSFET (Metal Oxide)
Supplier Device Package	8-PQFN (5x6), Power56
Series	PowerTrench®, SyncFET™
Rds On (Max) @ Id, Vgs	3.5 mOhm @ 21A, 10V
Power Dissipation (Max)	2.5W (Ta), 50W (Tc)
Packaging	Tape & Reel (TR)
Package / Case	8-PowerTDFN
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Input Capacitance (Ciss) (Max) @ Vds	3000pF @ 15V
Gate Charge (Qg) (Max) @ Vgs	47nC @ 10V
FET Type	N-Channel
FET Feature	-
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Drain to Source Voltage (Vdss)	30V
Current - Continuous Drain (Id) @ 25°C	21A (Ta), 49A (Tc)

In:

FDMS030N06B
AMI Semiconductor / ON
Semiconductor
MOSFET N-CH 60V 22.1A
POWER56

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More

FDMOS0309AS Fairchild/ON Semiconductor	FDMOS0309AS Data Sheet	FDMOS0309AS Datasheets	FDMOS0309AS PDF	Fairchild/ON Semiconductor FDMOS0309AS
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