

ON Semiconductor® ON	FDMS0309AS_SN00347 Manufacturer Part Number: FDMS0309AS_SN00347 Manufacturer/Brand: AMI Semiconductor / ON Semiconductor Part of Description: MOSFET N-CH RoHs Status: RoHS Lead free / RoHS Stock Condition: Compliant New original, 2684 pcs Stock Available. Ship From: Hong Kong Shipment Way: DHL/Fedex/TNT/UPS/EMS
Image may be representation. See specs for product details.	

Specifications	
Part Number	FDMS0309AS_SN00347
Manufacturer	AMI Semiconductor / ON Semiconductor
Description	MOSFET N-CH
Category	Discrete Semiconductor Products > Transistors - FETs,
Part Status	2684 pcs Stock
Vgs(th) (Max) @ Id	3V @ 1mA
Vgs (Max)	±20V
Technology	MOSFET (Metal Oxide)
Supplier Device Package	8-PQFN (5x6)
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
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
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
Detailed Description	N-Channel 30V 21A (Ta), 49A (Tc) 2.5W (Ta), 50W (Tc)
Current - Continuous Drain (Id) @ 25°C	21A (Ta), 49A (Tc)

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