



FDMS86183

Manufacturer Part Number:	FDMS86183
Manufacturer / Brand:	AMI Semiconductor / ON Semiconductor
Part of Description:	MOSFET N-CH 100V 51A 8PQFN
Datasheets:	FDMS86183.pdf
Lead Free Status / RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	New original, 2400 pcs Stock Available.
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS

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The specifications of FDMS86183

Part Number	FDMS86183	Manufacturer / Brand	AMI Semiconductor / ON Semiconductor
Series	PowerTrench®	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Package / Case	8-PowerTDFN	Packaging	Cut Tape (CT)
Mounting Type	Surface Mount	Supplier Device Package	8-PQFN (5x6), Power56
Operating Temperature	-55°C ~ 150°C (TJ)	Detailed Description	N-Channel 100V 51A (Tc) 63W (Tc) Surface Mount 8-PQFN (5x6), Power56
Technology	MOSFET (Metal Oxide)	Power Dissipation (Max)	63W (Tc)
FET Type	N-Channel	FET Feature	-
Drain to Source Voltage (Vdss)	100V	Current - Continuous Drain (Id) @ 25°C	51A (Tc)
Rds On (Max) @ Id, Vgs	12.8 mOhm @ 16A, 10V	Vgs(th) (Max) @ Id	4V @ 90µA
Gate Charge (Qg) (Max) @ Vgs	14nC @ 6V	Input Capacitance (Ciss) (Max) @ Vds	1515pF @ 50V
Drive Voltage (Max Rds On, Min Rds On)	6V, 10V	Vgs (Max)	±20V
Other Names	FDMS86183CT	Stock Quantity	2400 pcs Stock
Category	Discrete Semiconductor Products > Transistors - FETs, MOSFETs - Single	Description	MOSFET N-CH 100V 51A 8PQFN
Lead Free Status / RoHS Status	Lead free / RoHS Compliant		

Keywords related to FDMS86183

AMI Semiconductor / ON Semiconductor FDMS86183	FDMS86183 part	FDMS86183 Price	FDMS86183 Distributor
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