



**FDP8441\_F085**

Manufacturer Part Number:	FDP8441_F085
Manufacturer / Brand	AMI Semiconductor / ON Semiconductor
Part of Description:	MOSFET N-CH 40V 80A TO-220AB
Datasheets:	FDP8441_F085(1).pdf FDP8441_F085(2).pdf
Lead Free Status / RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	New original, 22500 pcs Stock Available.
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS

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The specifications of FDP8441\_F085

Part Number	FDP8441_F085	Manufacturer / Brand	AMI Semiconductor / ON Semiconductor
Series	Automotive, AEC-Q101, PowerTrench®	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Package / Case	TO-220-3	Packaging	Tube
Mounting Type	Through Hole	Supplier Device Package	TO-220AB
Operating Temperature	-55°C ~ 175°C (TJ)	Detailed Description	N-Channel 40V 23A (Ta), 80A (Tc) 300W (Tc) Through Hole TO-220AB
Technology	MOSFET (Metal Oxide)	Power Dissipation (Max)	300W (Tc)
FET Type	N-Channel	FET Feature	-
Drain to Source Voltage (Vdss)	40V	Current - Continuous Drain (Id) @ 25°C	23A (Ta), 80A (Tc)
Rds On (Max) @ Id, Vgs	2.7 mOhm @ 80A, 10V	Vgs(th) (Max) @ Id	4V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	280nC @ 10V	Input Capacitance (Ciss) (Max) @ Vds	15000pF @ 25V
Drive Voltage (Max Rds On, Min Rds On)	10V	Vgs (Max)	±20V
Stock Quantity	22500 pcs Stock	Category	Discrete Semiconductor Products > Transistors - FETs, MOSFETs - Single
Description	MOSFET N-CH 40V 80A TO-220AB	Lead Free Status / RoHS Status	Lead free / RoHS Compliant

Keywords related to FDP8441\_F085

AMI Semiconductor / ON Semiconductor FDP8441_F085	FDP8441_F085 part	FDP8441_F085 Price	FDP8441_F085 Distributor
FDP8441_F085 Supplier	FDP8441_F085 Technical	FDP8441_F085 Stock	FDP8441_F085 Inventory
FDP8441_F085 Picture	FDP8441_F085 Online Order	FDP8441_F085 Inquiry	FDP8441_F085 Image
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