

FDMF8700



ON Semiconductor®

Part Number: [FDMF8700](#)

Manufacturer: [AMI Semiconductor / ON Semiconductor](#)

Description: IC MODULE DRIVER/FET POWER88-56

Data sheet:  [FDMF8700](#)

RoHs Status: Lead free / RoHS Compliant

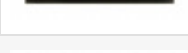
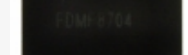
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Request For Quotation

PRODUCT PARAMETER			
Part Number	FDMF8700	Manufacturer	AMI Semiconductor / ON Semiconductor
Description	IC MODULE DRIVER/FET POWER88-56	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4167 pcs	Data sheet	FDMF8700
Category	Integrated Circuits (ICs)	Voltage - Supply	6.4 V ~ 13.5 V
Voltage - Load	6.4 V ~ 14 V	Technology	DrMOS
Supplier Device Package	56-Power88™	Series	-
Rds On (Typ)	-	Packaging	Tape & Reel (TR)
Package / Case	56-PowerWQFN Module	Output Configuration	Half Bridge
Other Names	FDMF8700TR	Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Load Type	Inductive	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Interface	PWM	Features	Bootstrap Circuit
Fault Protection	Shoot-Through, UVLO	Detailed Description	Half Bridge Driver Synchronous Buck Converters DrMOS 56-Power88™
Current - Peak Output	65A	Current - Output / Channel	30A
Base Part Number	FDMF8700	Applications	Synchronous Buck Converters
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RELATED PRODUCTS			
	Part#: FDMJ1027P Description: MOSFET P-CH 20V 3.2A	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: FDMJ1023PZ Description: MOSFET 2P-CH 20V 2.9A SC75	Manufacturers: Fairchild/ON Semiconductor	RFQ
	Part#: FDMF6824C Description: MOD DRMOS HIGH PERF 40QFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: FDMF6824A Description: MOD DRMOS HIGH PERF 40QFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: FDMJ1032C Description: MOSFET N/P-CH 20V 3.2A/2.5A SC75	Manufacturers: Fairchild/ON Semiconductor	RFQ
	Part#: FDMF6823B Description: MODULE DRMOS 55A 40-PQFN	Manufacturers: Fairchild/ON Semiconductor	RFQ
	Part#: FDMF6823B Description: MODULE DRMOS 55A 40-PQFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: FDMF6824B Description: MODULE DRMOS 55A 40-PQFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: FDMF8705 Description: IC MODULE DRIVER/FET POWER88-56	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: FDMF6833C Description: MODULE DRMOS 50A 40-PQFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: FDMF8811 Description: 100V SMART POWER STAGE	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: FDMF6823C_SN00248 Description: INTEGRATED CIRCUIT	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: FDMF8704V Description: IC MOD DVR/FET W/VREG 56MLP 8X8	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
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	Part#: FDMF8704 Description: IC MODULE DRIVER/FET 56MLP 8X8	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: FDMF6840C Description: MODULE DRMOS 40QFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: FDMJ7610S Description: MOSFET 2N-CH 30V 12A/17A 8-MLP	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: FDMQ8203 Description: MOSFET 2N/2P-CH 100V/80V 12-MLP	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: FDMJ1028N Description: MOSFET 2N-CH 20V 3.2A 6-MICROFET	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ

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