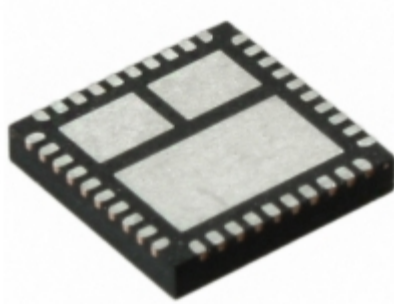


FDMF6823B



ON Semiconductor®

Part Number: [FDMF6823B](#)

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

Description: MODULE DRMOS 55A 40-PQFN

Data sheet:  [FDMF6823B](#)

RoHS Status: Lead free / RoHS Compliant

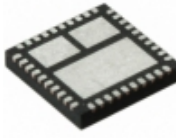
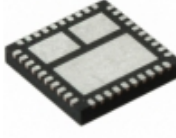
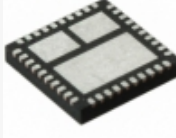
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.
See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	FDMF6823B	Manufacturer	AMI Semiconductor / ON Semiconductor
Description	MODULE DRMOS 55A 40-PQFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	30763 pcs	Data sheet	FDMF6823B
Category	Integrated Circuits (ICs)	Voltage - Supply	4.5 V ~ 5.5 V
Voltage - Load	3 V ~ 16 V	Technology	DrMOS
Supplier Device Package	40-PQFN (6x6)	Series	XS™ DrMOS
Rds On (Typ)	1 Ohm LS, 1 Ohm HS	Packaging	Original-Reel®
Package / Case	40-PowerTFQFN	Output Configuration	Half Bridge
Other Names	FDMF6823BDKR	Operating Temperature	-40°C ~ 150°C (TJ)
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	16 Weeks	Load Type	Inductive
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Interface	PWM
Features	Bootstrap Circuit, Status Flag	Fault Protection	Over Temperature, Shoot-Through, UVLO
Detailed Description	Half Bridge Driver Synchronous Buck Converters DrMOS 40-PQFN (6x6)	Current - Peak Output	-
Current - Output / Channel	55A	Base Part Number	FDMF6823
Applications	Synchronous Buck Converters		
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	Part#: FDMF6824A Description: MOD DRMOS HIGH PERF 40QFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: FDMF6824C Description: MOD DRMOS HIGH PERF 40QFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: FDMF6833C Description: MODULE DRMOS 50A 40-PQFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: FDMF6821B Description: MODULE DRMOS 55A 40-PQFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: FDMF6708N Description: MODULE DRMOS 50A 40PQFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: FDMF6820A Description: MODULE DRMOS 60A 40-PQFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: FDMF6821A Description: MODULE DRMOS 60A 40-PQFN	Manufacturers: Fairchild/ON Semiconductor	RFQ
	Part#: FDMF6824B Description: MODULE DRMOS 55A 40-PQFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: FDMF6840C Description: MODULE DRMOS 40QFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: FDMF6823C Description: MODULE DRMOS 50A 40-PQFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: FDMF6823B Description: MODULE DRMOS 55A 40-PQFN	Manufacturers: Fairchild/ON Semiconductor	RFQ
	Part#: FDMF6821C Description: MODULE DRMOS 50A 40-PQFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: FDMF8704 Description: IC MODULE DRIVER/FET 56MLP 8X8	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: FDMF6840C-F013 Description: DRMOS MODULE	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: FDMF6820C Description: MODULE DRMOS 50A 40-PQFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: FDMF8700 Description: IC MODULE DRIVER/FET POWER88-56	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: FDMF6823A Description: MODULE DRMOS 60A 40-PQFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: FDMF6820B Description: MODULE DRMOS 55A 40-PQFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: FDMF6823C_SN00248 Description: INTEGRATED CIRCUIT	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
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