



**FDMF6824B**

Manufacturer Part Number:	FDMF6824B
Manufacturer / Brand:	AMI Semiconductor / ON Semiconductor
Part of Description:	MODULE DRMOS 55A 40-PQFN
Datasheets:	FDMF6824B.pdf
Lead Free Status / RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	New original, 100 pcs Stock Available.
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS

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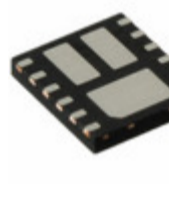






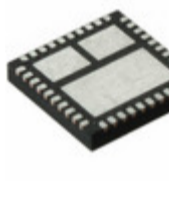
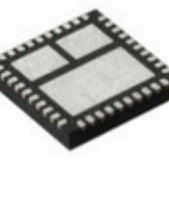

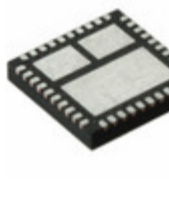
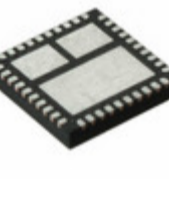




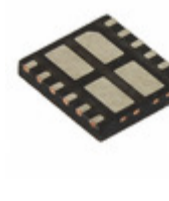




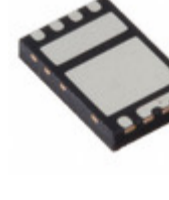


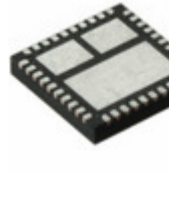



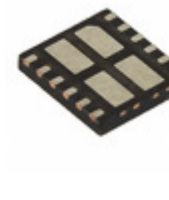
The specifications of FDMF6824B

Part Number	FDMF6824B	Manufacturer / Brand	AMI Semiconductor / ON Semiconductor
Series	XS™ DrMOS	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Base Part Number	FDMF6824	Package / Case	40-PowerTFQFN
Packaging	Tape & Reel (TR)	Mounting Type	Surface Mount
Supplier Device Package	40-PQFN (6x6)	Operating Temperature	-40°C ~ 150°C (TJ)
Detailed Description	Half Bridge Driver Synchronous Buck Converters DrMOS 40-PQFN (6x6)	Technology	DrMOS
Features	Bootstrap Circuit, Status Flag	Interface	PWM
Applications	Synchronous Buck Converters	Voltage - Supply	4.5 V ~ 5.5 V
Current - Output / Channel	55A	Current - Peak Output	-
Output Configuration	Half Bridge	Fault Protection	Over Temperature, Shoot-Through, UVLO
Load Type	Inductive	Rds On (Typ)	1 Ohm LS, 1 Ohm HS
Voltage - Load	3 V ~ 16 V	Other Names	FDMF6824B-ND FDMF6824BTR
Stock Quantity	100 pcs Stock	Category	Integrated Circuits (ICs) > PMIC - Full, Half-Bridge Drivers
Description	MODULE DRMOS 55A 40-PQFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant

Keywords related to FDMF6824B

AMI Semiconductor / ON Semiconductor FDMF6824B	FDMF6824B part	FDMF6824B Price	FDMF6824B Distributor
FDMF6824B Technical	FDMF6824B Stock	FDMF6824B Inventory	FDMF6824B Supplier
FDMF6824B Online Order	FDMF6824B Inquiry	FDMF6824B Image	FDMF6824B Picture
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 <b>FDMF6808N</b> Description: FDMF6808N FAIRCHILD QFN Manufacturers: Fairchild/ON Semiconductor In Stock: New original, 200 pcs Stock Available. Quote: <input type="text"/> RFQ	 <b>FDMF6820C</b> Description: MODULE DRMOS 50A 40-PQFN Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: New original, 33000 pcs Stock Available. Quote: <input type="text"/> RFQ	 <b>FDMF6823B</b> Description: MODULE DRMOS 55A 40-PQFN Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: New original, 200 pcs Stock Available. Quote: <input type="text"/> RFQ
 <b>FDMF8704TR</b> Description: FDMF8704TR FAIRCHILD DFN-56 Manufacturers: Fairchild/ON Semiconductor In Stock: New original, 1900 pcs Stock Available. Quote: <input type="text"/> RFQ	 <b>FDMF6823A</b> Description: MODULE DRMOS 60A 40-PQFN Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: New original, 2400 pcs Stock Available. Quote: <input type="text"/> RFQ	 <b>FDMF6821B</b> Description: MODULE DRMOS 55A 40-PQFN Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: New original, 600 pcs Stock Available. Quote: <input type="text"/> RFQ
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 <b>FDMF6820A</b> Description: MODULE DRMOS 60A 40-PQFN Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: New original, 100 pcs Stock Available. Quote: <input type="text"/> RFQ	 <b>FDMF6717B</b> Description: FDMF6717B FAIRCHILD QFN Manufacturers: Fairchild/ON Semiconductor In Stock: New original, 1100 pcs Stock Available. Quote: <input type="text"/> RFQ	 <b>FDMF6707C</b> Description: MOSFET N-CH 40V 31.3A 8-PQFN Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: New original, 15100 pcs Stock Available. Quote: <input type="text"/> RFQ
 <b>FDMF8704</b> Description: IC MODULE DRIVER/FET 56MLP 8X8 Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: New original, 57000 pcs Stock Available. Quote: <input type="text"/> RFQ	 <b>FDMF8704</b> Description: IC MODULE DRIVER/FET 56MLP 8X8 Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: New original, 57000 pcs Stock Available. Quote: <input type="text"/> RFQ	 <b>FDMQ8205</b> Description: IC OR CTRLR BRIDGE RECT 12MLP Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: New original, 100 pcs Stock Available. Quote: <input type="text"/> RFQ
 <b>FDMF8704VTR</b> Description: FDMF8704VTR FAIRCHILD DFN-8 Manufacturers: Fairchild/ON Semiconductor In Stock: New original, 100 pcs Stock Available. Quote: <input type="text"/> RFQ	 <b>FDMF8700</b> Description: IC MODULE DRIVER/FET POWER88-56 Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: New original, 3200 pcs Stock Available. Quote: <input type="text"/> RFQ	 <b>FDMF6707C</b> Description: MODULE DRMOS 50A 40-PQFN Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: New original, 2800 pcs Stock Available. Quote: <input type="text"/> RFQ
 <b>FDMF6707B</b> Description: MODULE DRMOS 50A 300KHZ 40PQFN Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: New original, 2500 pcs Stock Available. Quote: <input type="text"/> RFQ	 <b>FDMF6707B</b> Description: MODULE DRMOS 50A 300KHZ 40PQFN Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: New original, 2500 pcs Stock Available. Quote: <input type="text"/> RFQ	 <b>FDMF6823B</b> Description: MODULE DRMOS 55A 40-PQFN Manufacturers: FDK America In Stock: New original, 200 pcs Stock Available. Quote: <input type="text"/> RFQ
 <b>FDMF8704V</b> Description: IC MOD DVR/FET W/VREG 56MLP 8X8 Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: New original, 6000 pcs Stock Available. Quote: <input type="text"/> RFQ	 <b>FDMF6823C</b> Description: MODULE DRMOS 50A 40-PQFN Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: New original, 3600 pcs Stock Available. Quote: <input type="text"/> RFQ	 <b>FDMF6706C</b> Description: MODULE DRMOS 40A 1000KHZ 40PQFN Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: New original, 2000 pcs Stock Available. Quote: <input type="text"/> RFQ
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