

FDMF6704



ON Semiconductor®

Part Number: [FDMF6704](#)

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

Description: IC DRMOS MODULE 1000KHZ 40-MLP

Data sheet:  [FDMF6704](#)

RoHs Status: Lead free / RoHS Compliant

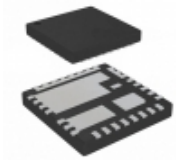
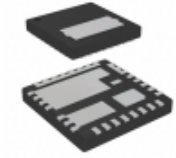
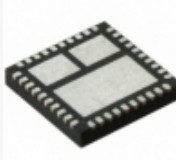
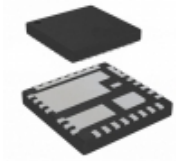
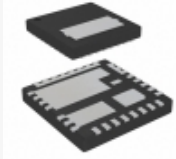
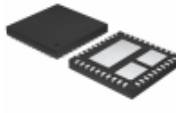
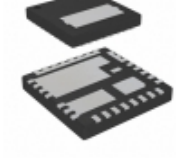
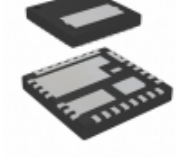
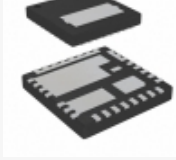
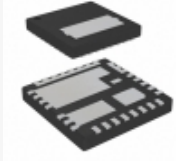
Ship From: Hong Kong

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

Images are for reference only.
See Product Specifications for product details.
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Request For Quotation

PRODUCT PARAMETER			
Part Number	FDMF6704	Manufacturer	AMI Semiconductor / ON Semiconductor
Description	IC DRMOS MODULE 1000KHZ 40-MLP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	77301 pcs	Data sheet	FDMF6704
Category	Integrated Circuits (ICs)	Voltage - Supply	4.5 V ~ 5.5 V
Voltage - Load	3 V ~ 14 V	Technology	DrMOS
Supplier Device Package	40-MLP (6x6)	Series	XS™ DrMOS
Rds On (Typ)	-	Packaging	Tape & Reel (TR)
Package / Case	40-WFQFN Exposed Pad	Output Configuration	Half Bridge
Other Names	FDMF6704-ND FDMF6704TR	Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	12 Weeks	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 40-MLP (6x6)	Current - Peak Output	80A
Current - Output / Channel	35A	Base Part Number	FDMF6704
Applications	Synchronous Buck Converters		
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RELATED PRODUCTS			
	Part#: FDMF6707V Description: MODULE DRMOS 50A 40-PQFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: FDMF6707B Description: MODULE DRMOS 50A 300KHZ 40PQFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: FDMF5833 Description: IC SPS HALF-BRIDGE DRVR 31PQFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: FDMF6704V Description: IC DRMOS MODULE 1000KHZ 40-MLP	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: FDMF5823DC Description: IC SPS HALF-BRIDGE DRVR 31PQFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: FDMF6706B Description: MODULE DRMOS 45A 40-PQFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: FDMF6707C Description: MODULE DRMOS 50A 40-PQFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: FDMF6705B Description: MOSFET DRMOS 40A 300KHZ 40PQFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: FDMF5839 Description: IC SPS HALF-BRIDGE DRVR 31PQFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: FDMF5820TDC Description: IC SPS HALF-BRIDGE DRVR 31PQFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: FDMF6700 Description: IC MULTICHIP MOD DRV/FET POWER66	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: FDMF6706C Description: MODULE DRMOS 40A 1000KHZ 40PQFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: FDMF5826DC Description: IC SPS HALF-BRIDGE DRVR 31PQFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: FDMF6705V Description: MODULE DRMOS 40A 1000KHZ 40PQFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: FDMF6704A Description: MODULE DRMOS XS 40-MLP	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: FDMF6705 Description: MODULE DRMOS HI PERF HF POWER66	Manufacturers: Fairchild/ON Semiconductor	RFQ
	Part#: FDMF5821DC Description: IC SPS HALF-BRIDGE DRVR 31PQFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: FDMF5820DC Description: IC SPS HALF-BRIDGE DRVR 31PQFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: FDMF5821 Description: 2MHZ SMART POWER STAGE (SPS)	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: FDMF5822DC Description: IC SPS HALF-BRIDGE DRVR 31PQFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ

Related keywords for FDMF6704

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