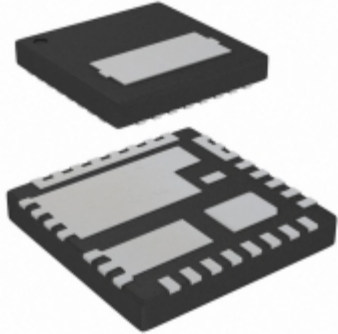


FDMF5823DC



ON Semiconductor®

Part Number: [FDMF5823DC](#)

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

Description: IC SPS HALF-BRIDGE DRVR 31PQFN

Data sheet:  [FDMF5823DC](#)

RoHs Status: Lead free / RoHS Compliant

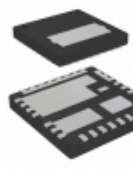
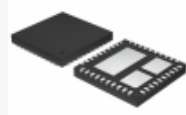
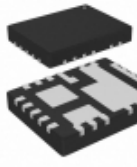
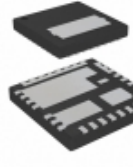
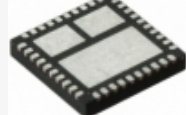
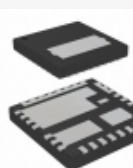
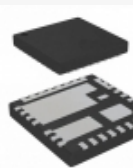
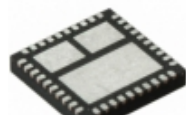
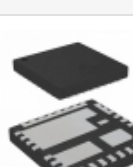
Ship From: Hong Kong

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	FDMF5823DC	Manufacturer	AMI Semiconductor / ON Semiconductor
Description	IC SPS HALF-BRIDGE DRVR 31PQFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	58041 pcs	Data sheet	FDMF5823DC
Category	Integrated Circuits (ICs)	Voltage - Supply	4.5 V ~ 5.5 V
Voltage - Load	4.5 V ~ 16 V	Technology	UMOS
Supplier Device Package	31-PQFN (5x5)	Series	PowerTrench®, SyncFET™
Rds On (Typ)	470 mOhm LS, 680 mOhm HS	Packaging	Tape & Reel (TR)
Package / Case	31-PowerWQFN	Output Configuration	Half Bridge
Other Names	FDMF5823DCTR	Operating Temperature	-40°C ~ 125°C (TJ)
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	19 Weeks	Load Type	Inductive
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Interface	PWM
Features	Bootstrap Circuit, Latch Function, Status Flag	Fault Protection	Over Temperature, UVLO
Detailed Description	Half Bridge Driver Synchronous Buck Converters UMOS 31-PQFN (5x5)	Current - Peak Output	-
Current - Output / Channel	55A	Applications	Synchronous Buck Converters
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RELATED PRODUCTS			
	Part#: FDMF5821DC Description: IC SPS HALF-BRIDGE DRVR 31PQFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
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	Part#: FDMF3039 Description: IC HALF-BRIDGE DRVR PWM 22PQFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: FDMF6704V Description: IC DRMOS MODULE 1000KHZ 40-MLP	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: FDMF5822DC Description: IC SPS HALF-BRIDGE DRVR 31PQFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: FDMF6705 Description: MODULE DRMOS HI PERF HF POWER66	Manufacturers: Fairchild/ON Semiconductor	RFQ
	Part#: FDMF3170 Description: LOW VOLTAGE SMART POWER STAGE 3	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: FDMF3172 Description: LOW VOLTAGE SMART POWER STAGE 3	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: FDMF5826DC Description: IC SPS HALF-BRIDGE DRVR 31PQFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: FDMF6705B Description: MOSFET DRMOS 40A 300KHZ 40PQFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: FDMF5820DC 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#: FDMF5821 Description: 2MHZ SMART POWER STAGE (SPS)	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: FDMF5833 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#: FDMF4061 Description: MCM FAN7842 DRIVER AND MV7 60 FE	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: FDMF5839 Description: IC SPS HALF-BRIDGE DRVR 31PQFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: FDMF6704A Description: MODULE DRMOS XS 40-MLP	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: FDMF3180 Description: LOW VOLTAGE SMART POWER STAGE 3	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
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