



**FDMF5822DC**

Manufacturer Part Number:	FDMF5822DC
Manufacturer / Brand	AMI Semiconductor / ON Semiconductor
Part of Description:	IC SPS HALF-BRIDGE DRVR 31PQFN
Datasheets:	FDMF5822DC.pdf
Lead Free Status / RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	New original, 1600 pcs Stock Available.
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS

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The specifications of FDMF5822DC

Part Number	FDMF5822DC	Manufacturer / Brand	AMI Semiconductor / ON Semiconductor
Series	PowerTrench®, SyncFET™	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Package / Case	31-PowerWQFN	Packaging	Tape & Reel (TR)
Mounting Type	Surface Mount	Supplier Device Package	31-PQFN (5x5)
Operating Temperature	-40°C ~ 125°C (TJ)	Detailed Description	Half Bridge Driver Synchronous Buck Converters U MOS 31-PQFN (5x5)
Technology	UMOS	Features	Bootstrap Circuit, Latch Function, 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, UVLO	Load Type	Inductive
Rds On (Typ)	470 mOhm LS, 680 mOhm HS	Voltage - Load	4.5 V ~ 16 V
Other Names	FDMF5822DCTR	Stock Quantity	1600 pcs Stock
Category	<a href="#">Integrated Circuits (ICs) &gt; PMIC - Full, Half-Bridge Drivers</a>	Description	IC SPS HALF-BRIDGE DRVR 31PQFN
Lead Free Status / RoHS Status	Lead free / RoHS Compliant		

Keywords related to FDMF5822DC

AMI Semiconductor / ON Semiconductor FDMF5822DC	FDMF5822DC part	FDMF5822DC Price	FDMF5822DC Distributor
FDMF5822DC Supplier	FDMF5822DC Technical	FDMF5822DC Stock	FDMF5822DC Inventory
FDMF5822DC Picture	FDMF5822DC Online Order	FDMF5822DC Inquiry	FDMF5822DC Image
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<p><b>FDMF6704V-1</b> Description: FDMF6704V-1 FAIRCHILD QFN-40 Manufacturers: Fairchild/ON Semiconductor In Stock: New original, 2400 pcs Stock Available. Quote: <a href="#">RFQ</a></p>	<p><b>FDMF5877</b> Description: FDMF5877 FAIRCHILD QFN Manufacturers: Fairchild/ON Semiconductor In Stock: New original, 1200 pcs Stock Available. Quote: <a href="#">RFQ</a></p>	<p><b>FDMF6704A</b> Description: MODULE DRMOS XS 40-MLP Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: New original, 31600 pcs Stock Available. Quote: <a href="#">RFQ</a></p>
<p><b>FDMF6705V</b> Description: MODULE DRMOS 40A 1000KHZ 40PQFN Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: New original, 600 pcs Stock Available. Quote: <a href="#">RFQ</a></p>	<p><b>FDMF6704</b> Description: IC DRMOS MODULE 1000KHZ 40-MLP Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: New original, 10900 pcs Stock Available. Quote: <a href="#">RFQ</a></p>	<p>IMAGE NOT AVAILABLE</p> <p><b>FDMF5804</b> Description: FDMF5804 FAIRCHILD QFN Manufacturers: FAIRCHILD In Stock: New original, 3000 pcs Stock Available. Quote: <a href="#">RFQ</a></p>
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<p><b>FDMF3172</b> Description: LOW VOLTAGE SMART POWER STAGE 3 Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: New original, 200 pcs Stock Available. Quote: <a href="#">RFQ</a></p>	<p><b>FDMF3180</b> Description: LOW VOLTAGE SMART POWER STAGE 3 Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: New original, 1400 pcs Stock Available. Quote: <a href="#">RFQ</a></p>	<p><b>FDMF6700</b> Description: IC MULTICHIP MOD DRV/FET POWER66 Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: New original, 1300 pcs Stock Available. Quote: <a href="#">RFQ</a></p>
<p><b>FDME1034CZT</b> Description: MOSFET N/P-CH 20V 6-MICROFET Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: New original, 600 pcs Stock Available. Quote: <a href="#">RFQ</a></p>	<p><b>FDMF5821DC</b> Description: IC SPS HALF-BRIDGE DRVR 31PQFN Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: New original, 100 pcs Stock Available. Quote: <a href="#">RFQ</a></p>	<p><b>FDMF5833</b> Description: IC SPS HALF-BRIDGE DRVR 31PQFN Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: New original, 300 pcs Stock Available. Quote: <a href="#">RFQ</a></p>
<p><b>FDMF6704-1</b> Description: FDMF6704-1 FAIRCHILD QFN-40 Manufacturers: Fairchild/ON Semiconductor In Stock: New original, 16300 pcs Stock Available. Quote: <a href="#">RFQ</a></p>	<p><b>FDMF5855DC</b> Description: FDMF5855DC FAIRCHILD QFN Manufacturers: Fairchild/ON Semiconductor In Stock: New original, 1000 pcs Stock Available. Quote: <a href="#">RFQ</a></p>	<p><b>FDME910PZT</b> Description: MOSFET P CH 20V 8A MICROFET Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: New original, 7300 pcs Stock Available. Quote: <a href="#">RFQ</a></p>
<p><b>FDME820NZT</b> Description: MOSFET N-CH 20V 9A MICROFET 1.6 Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: New original, 17500 pcs Stock Available. Quote: <a href="#">RFQ</a></p>	<p><b>FDMF5839</b> Description: IC SPS HALF-BRIDGE DRVR 31PQFN Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: New original, 14500 pcs Stock Available. Quote: <a href="#">RFQ</a></p>	<p><b>FDMF5875</b> Description: FDMF5875 FAIRCHILD QFN Manufacturers: Fairchild/ON Semiconductor In Stock: New original, 800 pcs Stock Available. Quote: <a href="#">RFQ</a></p>
<p><b>FDMF6705B</b> Description: MOSFET DRMOS 40A 300KHZ 40PQFN Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: New original, 14900 pcs Stock Available. Quote: <a href="#">RFQ</a></p>	<p><b>FDMF6704V</b> Description: IC DRMOS MODULE 1000KHZ 40-MLP Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: New original, 1000 pcs Stock Available. Quote: <a href="#">RFQ</a></p>	<p><b>FDMF6706C</b> Description: MODULE DRMOS 40A 1000KHZ 40PQFN Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: New original, 2000 pcs Stock Available. Quote: <a href="#">RFQ</a></p>
<p>IMAGE NOT AVAILABLE</p> <p><b>FDMF3005</b> Description: FDMF3005 FAI SMD Manufacturers: FAI In Stock: New original, 4600 pcs Stock Available. Quote: <a href="#">RFQ</a></p>	<p><b>FDMF6704A-1</b> Description: FDMF6704A-1 FAIRCHILD QFN-40 Manufacturers: Fairchild/ON Semiconductor In Stock: New original, 31900 pcs Stock Available. Quote: <a href="#">RFQ</a></p>	<p><b>FDME905PT</b> Description: MOSFET P-CH 12V 6-UMLP Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: New original, 129600 pcs Stock Available. Quote: <a href="#">RFQ</a></p>
<p><b>FDMF5820DC</b> Description: IC SPS HALF-BRIDGE DRVR 31PQFN Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: New original, 2500 pcs Stock Available. Quote: <a href="#">RFQ</a></p>	<p><b>FDME1024NZT</b> Description: MOSFET 2N-CH 20V 3.8A 6-MICROFET Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: New original, 22300 pcs Stock Available. Quote: <a href="#">RFQ</a></p>	<p><b>FDME510PZT</b> Description: MOSFET P-CH 20V 6-MICROFET Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: New original, 3000 pcs Stock Available. Quote: <a href="#">RFQ</a></p>



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