



### **FDMF5833 Information**

F. F. HILLING

For Reference Only

Part Number FDMF5833

Manufacturer Fairchild/ON Semiconductor
Category Integrated Circuits (ICs)

PMIC - Full, Half-Bridge Drivers

**Description** IC SPS HALF-BRIDGE DRVR 31PQFN

Package 31-PowerWFQFN

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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## FDMF5833 Specifications

Manufacturer Part Number         FDMF5833           Manufacturer         Fairchild/ON Semiconductor           Category         Integrated Circuits (ICs)           PMIC - Full, Half-Bridge Drivers           Package         31-PowerWFQFN           Series         PowerTrench?, SyncFET?           Output Configuration         Half Bridge           Applications         Synchronous Buck Converters           Interface         PWM           Load Type         Inductive           Technology         UMOS           Rds On (Typ)         470 mOhm LS, 680 mOhm HS           Current - Output / Channel         50A           Current - Peak Output         -           Voltage - Supply         4.5 V ~ 5.5 V           Voltage - Load         4.5 V ~ 24 V           Operating Temperature         -40°C ~ 150°C (TJ)           Features         Bootstrap Circuit, Latch Function, Status Flag           Fault Protection         Over Temperature, UVLO           Mounting Type         Surface Mount           Package / Case         31-PowerWFQFN           Supplier Device Package         31-POWERWFQFN           Supplier Device Package         31-POFN (5x5)			
CategoryIntegrated Circuits (ICs)Package31-PowerWFQFNSeriesPowerTrench?, SyncFET?Output ConfigurationHalf BridgeApplicationsSynchronous Buck ConvertersInterfacePWMLoad TypeInductiveTechnologyUMOSRds On (Typ)470 mOhm LS, 680 mOhm HSCurrent - Output / Channel50ACurrent - Peak Output-Voltage - Supply4.5 V ~ 5.5 VVoltage - Load4.5 V ~ 24 VOperating Temperature-40°C ~ 150°C (TJ)FeaturesBootstrap Circuit, Latch Function, Status FlagFault ProtectionOver Temperature, UVLOMounting TypeSurface MountPackage / Case31-PowerWFQFNSupplier Device Package31-PQFN (5x5)	Manufacturer Part Number	FDMF5833	
Package 31-PowerWFQFN Series PowerTrench?, SyncFET? Output Configuration Half Bridge Applications Synchronous Buck Converters Interface PWM Load Type Inductive Technology UMOS Rds On (Typ) 470 mOhm LS, 680 mOhm HS Current - Output / Channel 50A Current - Peak Output Voltage - Supply 4.5 V ~ 5.5 V Voltage - Load 4.5 V ~ 24 V Operating Temperature -40°C ~ 150°C (TJ) Features Bootstrap Circuit, Latch Function, Status Flag Fault Protection Over Temperature, UVLO Mounting Type Surface Mount Package / Case 31-PowerWFQFN Supplier Device Package 31-PQFN (5x5)	Manufacturer	Fairchild/ON Semiconductor	
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Package / Case 31-PowerWFQFN Supplier Device Package 31-PQFN (5x5)	Fault Protection	Over Temperature, UVLO	
Supplier Device Package 31-PQFN (5x5)	Mounting Type	Surface Mount	
	Package / Case	31-PowerWFQFN	
Report errors?	Supplier Device Package	31-PQFN (5x5)	
		R	eport errors?

#### FDMF5833 Guarantees



#### **Quality Guarantees**

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



#### **Service Guarantees**

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

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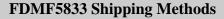
























If you have any question about FDMF5833, please do not hesitate to contact us!

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