

**FDMF6821C Information**


For Reference Only

**Part Number** [FDMF6821C](#)  
**Manufacturer** ON Semiconductor  
**Category** Integrated Circuits (ICs)  
[PMIC - Full, Half-Bridge Drivers](#)  
**Description** MODULE DRMOS 50A 40-PQFN  
**Package** 40-PowerTFQFN  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)


[Request a Quote](#)
**Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.


**FDMF6821C Specifications**

Manufacturer Part Number	<a href="#">FDMF6821C</a>
Manufacturer	ON Semiconductor
Category	Integrated Circuits (ICs) <a href="#">PMIC - Full, Half-Bridge Drivers</a>
Package	40-PowerTFQFN
Series	XS™ DrMOS
Output Configuration	Half Bridge
Applications	Synchronous Buck Converters
Interface	PWM
Load Type	Inductive
Technology	DrMOS
Rds On (Typ)	1 Ohm LS, 1 Ohm HS
Current - Output / Channel	50A
Current - Peak Output	-
Voltage - Supply	4.5 V ~ 5.5 V
Voltage - Load	3 V ~ 16 V
Operating Temperature	-40°C ~ 150°C (TJ)
Features	Bootstrap Circuit, Status Flag
Fault Protection	Over Temperature, Shoot-Through, UVLO
Mounting Type	Surface Mount
Package / Case	40-PowerTFQFN
Supplier Device Package	40-PQFN (6x6)

[Report errors?](#)

## FDMF6821C 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.

## FDMF6821C Payment Methods



## FDMF6821C Shipping Methods



If you have any question about FDMF6821C, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)