

**FDMF6823B Information**


For Reference Only

**Part Number** [FDMF6823B](#)  
**Manufacturer** ON Semiconductor  
**Category** Integrated Circuits (ICs)  
[PMIC - Full, Half-Bridge Drivers](#)  
**Description** MODULE DRMOS 55A 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.


**FDMF6823B Specifications**

|                            |   |
|----------------------------|---|
| Manufacturer Part Number   | <a href="#">FDMF6823B</a>   |
| Manufacturer               | ON Semiconductor  |
| Category                   | Integrated Circuits (ICs)<br><a href="#">PMIC - Full, Half-Bridge Drivers</a> |
| Package                    | 40-PowerTFQFN   |
| Series                     | XSTM <sup>™</sup> 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 | 55A   |
| 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)   |

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## FDMF6823B 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.

## FDMF6823B Payment Methods



## FDMF6823B Shipping Methods



If you have any question about FDMF6823B, please do not hesitate to contact us!

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

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