

FDMF6705B Information


For Reference Only

Part Number [FDMF6705B](#)
Manufacturer ON Semiconductor
Category Integrated Circuits (ICs)
[PMIC - Full, Half-Bridge Drivers](#)
Description MOSFET DRMOS 40A 300KHZ 40PQFN
Package 40-PowerTFQFN
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: 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.


FDMF6705B Specifications

Manufacturer Part Number	FDMF6705B
Manufacturer	ON Semiconductor
Category	Integrated Circuits (ICs) PMIC - Full, Half-Bridge Drivers
Package	40-PowerTFQFN
Series	XSTM [™] 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	38A
Current - Peak Output	-
Voltage - Supply	4.5 V ~ 5.5 V
Voltage - Load	3 V ~ 24 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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FDMF6705B 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.

FDMF6705B Payment Methods



FDMF6705B Shipping Methods



If you have any question about FDMF6705B, please do not hesitate to contact us!

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