

MP8042DF-LF-Z Information


For Reference Only

Part Number [MP8042DF-LF-Z](#)
Manufacturer Monolithic Power Systems Inc.
Category Integrated Circuits (ICs)
[PMIC - Full, Half-Bridge Drivers](#)
Description IC MOTOR DRIVER
Package 20-TSSOP (0.173", 4.40mm Width) Exposed Pad
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: salesdept@heisener.com


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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.


MP8042DF-LF-Z Specifications

Manufacturer Part Number	MP8042DF-LF-Z
Manufacturer	Monolithic Power Systems Inc.
Category	Integrated Circuits (ICs) PMIC - Full, Half-Bridge Drivers
Package	20-TSSOP (0.173", 4.40mm Width) Exposed Pad
Series	-
Output Configuration	Half Bridge (2)
Applications	General Purpose
Interface	PWM
Load Type	Inductive
Technology	Power MOSFET
Rds On (Typ)	150 mOhm
Current - Output / Channel	-
Current - Peak Output	5A
Voltage - Supply	7.5 V ~ 24 V
Voltage - Load	7.5 V ~ 24 V
Operating Temperature	-40°C ~ 125°C (TJ)
Features	Status Flag
Fault Protection	Current Limiting, Over Temperature, UVLO
Mounting Type	Surface Mount
Package / Case	20-TSSOP (0.173", 4.40mm Width) Exposed Pad
Supplier Device Package	20-TSSOPF

[Report errors?](#)

MP8042DF-LF-Z 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.

MP8042DF-LF-Z Payment Methods



MP8042DF-LF-Z Shipping Methods



If you have any question about MP8042DF-LF-Z, please do not hesitate to contact us!

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