

MPQ4559DQ-AEC1-LF-P Information


For Reference Only

Part Number [MPQ4559DQ-AEC1-LF-P](#)
Manufacturer Monolithic Power Systems Inc.
Category Integrated Circuits (ICs)
[PMIC - Voltage Regulators - DC DC Switching Regulators](#)
Description IC REG BUCK ADJ 1.5A
Package 10-VDFN Exposed Pad
 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.


MPQ4559DQ-AEC1-LF-P Specifications

Manufacturer Part Number	MPQ4559DQ-AEC1-LF-P
Manufacturer	Monolithic Power Systems Inc.
Category	Integrated Circuits (ICs) PMIC - Voltage Regulators - DC DC Switching Regulators
Package	10-VDFN Exposed Pad
Series	Automotive, AEC-Q100
Function	Step-Down
Output Configuration	Positive
Topology	Buck
Output Type	Adjustable
Number of Outputs	1
Voltage - Input (Min)	3.8V
Voltage - Input (Max)	55V
Voltage - Output (Min/Fixed)	0.8V
Voltage - Output (Max)	52V
Current - Output	1.5A
Frequency - Switching	Up to 2MHz
Synchronous Rectifier	No
Operating Temperature	-40°C ~ 125°C (TJ)
Mounting Type	Surface Mount
Package / Case	10-VDFN Exposed Pad
Supplier Device Package	10-QFN (3x3)

[Report errors?](#)

MPQ4559DQ-AEC1-LF-P 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.

MPQ4559DQ-AEC1-LF-P Payment Methods



MPQ4559DQ-AEC1-LF-P Shipping Methods



If you have any question about MPQ4559DQ-AEC1-LF-P, please do not hesitate to contact us!

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