

**MPQ4558DQ-AEC1-LF-Z Information**


For Reference Only

**Part Number** [MPQ4558DQ-AEC1-LF-Z](#)  
**Manufacturer** Monolithic Power Systems Inc.  
**Category** Integrated Circuits (ICs)  
[PMIC - Voltage Regulators - DC DC Switching Regulators](#)  
**Description** IC REG BUCK ADJ 1A  
**Package** 10-VDFN Exposed Pad  
 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.


**MPQ4558DQ-AEC1-LF-Z Specifications**

Manufacturer Part Number	<a href="#">MPQ4558DQ-AEC1-LF-Z</a>
Manufacturer	Monolithic Power Systems Inc.
Category	Integrated Circuits (ICs) <a href="#">PMIC - Voltage Regulators - DC DC Switching Regulators</a>
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	1A
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)

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## MPQ4558DQ-AEC1-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.

## MPQ4558DQ-AEC1-LF-Z Payment Methods



## MPQ4558DQ-AEC1-LF-Z Shipping Methods



If you have any question about MPQ4558DQ-AEC1-LF-Z, please do not hesitate to contact us!

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