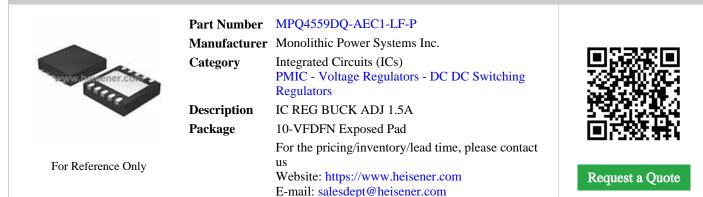


# MPQ4559DQ-AEC1-LF-P

### MPQ4559DQ-AEC1-LF-P Information



#### **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-VFDFN 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-VFDFN Exposed Pad
Supplier Device Package	10-QFN (3x3)
	Report errors?

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



If you have any question about MPQ4559DQ-AEC1-LF-P, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com