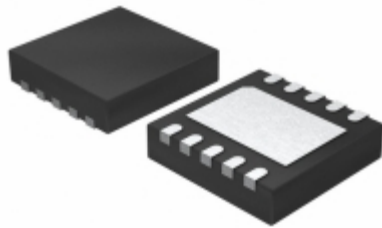


MPQ4462DQ-AEC1-LF-Z



Part Number: [MPQ4462DQ-AEC1-LF-Z](#)

Manufacturer: [MPS \(Monolithic Power Systems\)](#)

Description: IC REG BUCK ADJ 3.5A

Data sheet:

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

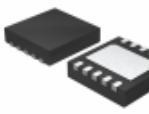
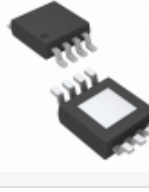
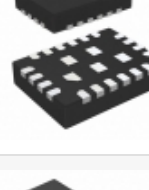
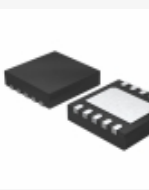
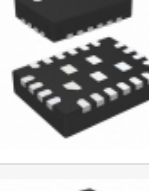
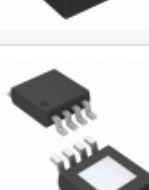
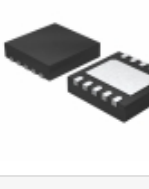
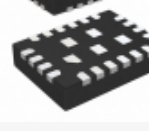
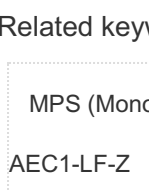
Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.
See Product Specifications for product details.
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Request For Quotation

PRODUCT PARAMETER			
Part Number	MPQ4462DQ-AEC1-LF-Z	Manufacturer	MPS (Monolithic Power Systems)
Description	IC REG BUCK ADJ 3.5A	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	21546 pcs	Data sheet	
Category	Integrated Circuits (ICs)	Voltage - Output (Min/Fixed)	0.8V
Voltage - Output (Max)	30V	Voltage - Input (Min)	3.8V
Voltage - Input (Max)	36V	Topology	Buck
Synchronous Rectifier	No	Supplier Device Package	10-QFN (3x3)
Series	Automotive, AEC-Q100	Packaging	Original-Reel®
Package / Case	10-VDFN Exposed Pad	Output Type	Adjustable
Output Configuration	Positive	Other Names	1589-1797-6
Operating Temperature	-40°C ~ 125°C (TJ)	Number of Outputs	1
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	20 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Function	Step-Down	Frequency - Switching	Up to 4MHz
Detailed Description	Buck Switching Regulator IC Positive Adjustable 0.8V 1 Output 3.5A 10-VDFN Exposed Pad	Current - Output	3.5A

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	Part#: MPQ4462DQ-LF-P Description: IC REG BUCK ADJ 3.5A	Manufacturers: MPS (Monolithic Power Systems)	RFQ
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	Part#: MPQ4459DQT-LF-P Description: IC REG BUCK ADJ 1.5A	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MPQ4462DN-LF Description: IC REG BUCK ADJ 3.5A	Manufacturers: MPS (Monolithic Power Systems)	RFQ
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	Part#: MPQ4462DN-AEC1-LF-Z Description: IC REG BUCK ADJ 3.5A	Manufacturers: MPS (Monolithic Power Systems)	RFQ
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	Part#: MPQ4462DQ-LF-Z Description: IC REG BUCK ADJ 3.5A	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MPQ4470GL-AEC1-Z Description: IC REG BUCK ADJ 5A SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ

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