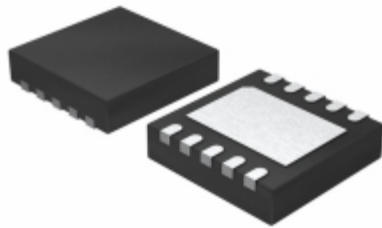


MPQ4561DQ-AEC1-LF-P



Part Number: [MPQ4561DQ-AEC1-LF-P](#)

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

Description: IC REG BUCK ADJ 1.5A

Data sheet:

RoHs Status: Lead free / RoHS Compliant

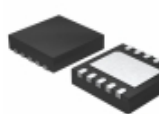
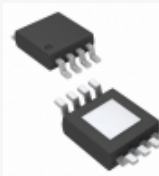
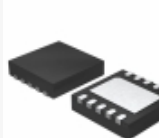
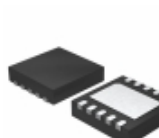
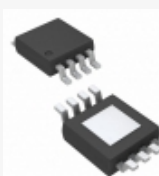
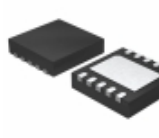
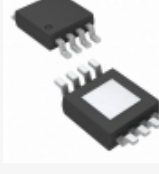
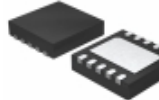
Ship From: Hong Kong

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

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See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	MPQ4561DQ-AEC1-LF-P	Manufacturer	MPS (Monolithic Power Systems)
Description	IC REG BUCK ADJ 1.5A	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	45288 pcs	Data sheet	
Category	Integrated Circuits (ICs)	Voltage - Output (Min/Fixed)	0.8V
Voltage - Output (Max)	52V	Voltage - Input (Min)	3.8V
Voltage - Input (Max)	55V	Topology	Buck
Synchronous Rectifier	No	Supplier Device Package	10-QFN (3x3)
Series	Automotive, AEC-Q100	Packaging	Tape & Reel (TR)
Package / Case	10-VDFN Exposed Pad	Output Type	Adjustable
Output Configuration	Positive	Other Names	1589-1310-2
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	16 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Function	Step-Down	Frequency - Switching	Up to 2MHz
Detailed Description	Buck Switching Regulator IC Positive Adjustable 0.8V 1 Output 1.5A 10-VDFN Exposed Pad	Current - Output	1.5A
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	Part#: MPQ4561DQ-LF-Z Description: IC REG BUCK ADJ 1.5A	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MPQ4568GQ-P Description: IC REG BUCK ADJ 0.1A SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
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	Part#: MPQ4568GQ-Z Description: IC REG BUCK ADJ 0.1A SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MPQ4569AGQ-P Description: INDUSTRIAL GRADE,75V,0.3A SYNCHR	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MPQ4569AGQ-Z Description: INDUSTRIAL GRADE,75V,0.3A SYNCHR	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MPQ4561DQ-LF-P Description: IC REG BUCK ADJ 1.5A	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MPQ4559DQ-LF-Z Description: IC REG BUCK ADJ 1.5A	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MPQ4560DQ-AEC1-LF-P Description: IC REG BUCK ADJ 2A	Manufacturers: MPS (Monolithic Power Systems)	RFQ
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	Part#: MPQ4560DN-AEC1-LF Description: IC REG BUCK ADJ 2A	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MPQ4560DQ-LF-P Description: IC REG BUCK ADJ 2A	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MPQ4560DN-LF-Z Description: IC REG BUCK ADJ 2A	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MPQ4569AGQ-AEC1-P Description: AUTOMOTIVE GRADE, 75V,0.3A SYNCH	Manufacturers: MPS (Monolithic Power Systems)	RFQ
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