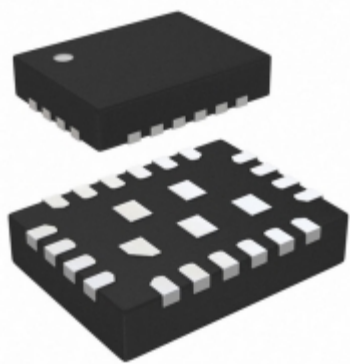


MPQ4470AGL-AEC1-Z



Part Number: [MPQ4470AGL-AEC1-Z](#)

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

Description: IC REG BUCK ADJ 5A SYNC

Data sheet:

RoHS Status: Lead free / RoHS Compliant

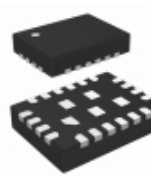
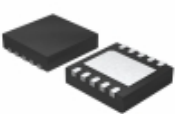
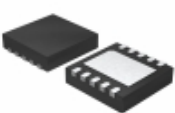
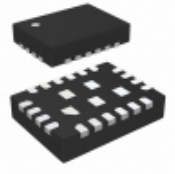
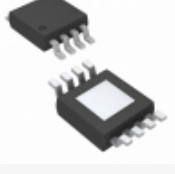
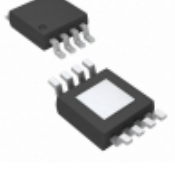
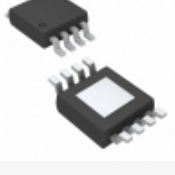
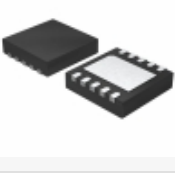
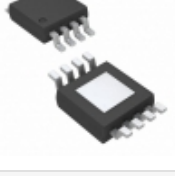
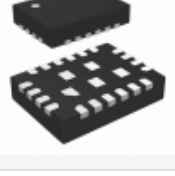
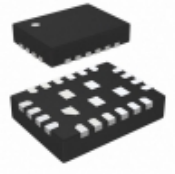
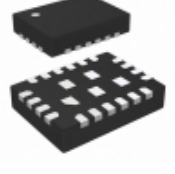
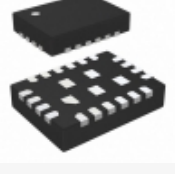
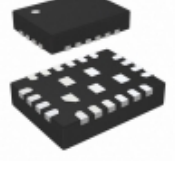
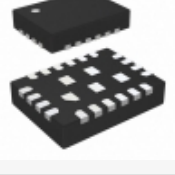
Ship From: Hong Kong

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

Images are for reference only.
See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	MPQ4470AGL-AEC1-Z	Manufacturer	MPS (Monolithic Power Systems)
Description	IC REG BUCK ADJ 5A SYNC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	20457 pcs	Data sheet	
Category	Integrated Circuits (ICs)	Voltage - Output (Min/Fixed)	0.8V
Voltage - Output (Max)	32.4V	Voltage - Input (Min)	4.5V
Voltage - Input (Max)	36V	Topology	Buck
Synchronous Rectifier	Yes	Supplier Device Package	20-QFN (3x4)
Series	Automotive, AEC-Q100	Packaging	Cut Tape (CT)
Package / Case	15-TFQFN Exposed Pad	Output Type	Adjustable
Output Configuration	Positive	Other Names	1589-1798-1
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	100kHz ~ 1MHz
Detailed Description	Buck Switching Regulator IC Positive Adjustable 0.8V 1 Output 5A 15-TFQFN Exposed Pad	Current - Output	5A
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	Part#: MPQ4462DQ-AEC1-LF-Z Description: IC REG BUCK ADJ 3.5A	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MPQ4462DQ-LF-Z Description: IC REG BUCK ADJ 3.5A	Manufacturers: MPS (Monolithic Power Systems)	RFQ
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	Part#: MPQ4462DN-LF-Z Description: IC REG BUCK ADJ 3.5A	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MPQ4462DN-AEC1-LF-Z Description: IC REG BUCK ADJ 3.5A	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MPQ4470AGL-AEC1-P Description: IC REG BUCK ADJ 5A SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
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	Part#: MPQ4462DN-AEC1-LF Description: IC REG BUCK ADJ 3.5A	Manufacturers: MPS (Monolithic Power Systems)	RFQ
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	Part#: MPQ4473GL-Z Description: INDUSTRIAL GRADE,36V,3.5A SYNC B	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MPQ4473GL-AEC1-Z Description: AUTOMOTIVE GRADE,36V,3.5A SYNC B	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MPQ4470AGL-P Description: IC REG BUCK ADJ 5A SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
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	Part#: MPQ4470GL-AEC1-Z Description: IC REG BUCK ADJ 5A SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
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