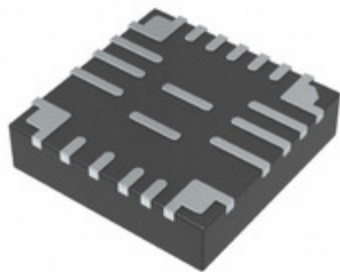


MPQ4491MGRE-AEC1-Z



Part Number: [MPQ4491MGRE-AEC1-Z](#)

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

Description: SMART SINGLE USB CHARGING PORT P

Data sheet:

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

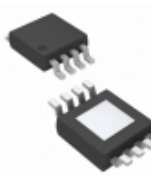
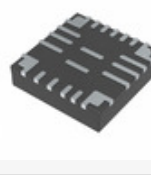
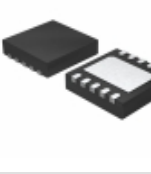
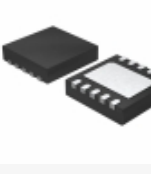
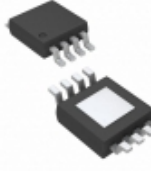
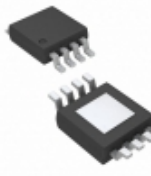
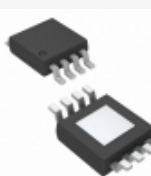
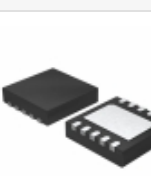
Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.
See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	MPQ4491MGRE-AEC1-Z	Manufacturer	MPS (Monolithic Power Systems)
Description	SMART SINGLE USB CHARGING PORT P	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	43079 pcs	Data sheet	
Category	Integrated Circuits (ICs)	Voltage - Output (Min/Fixed)	5V
Voltage - Output (Max)	-	Voltage - Input (Min)	7V
Voltage - Input (Max)	36V	Topology	Buck
Synchronous Rectifier	No	Supplier Device Package	25-QFN (4x4)
Series	Automotive, AEC-Q100	Packaging	Tape & Reel (TR)
Package / Case	25-PowerVFQFN	Output Type	Fixed
Output Configuration	Positive	Other Names	1589-1803-2 MPQ4491MGRE-AEC1-Z-ND
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	Selectable
Detailed Description	Buck Switching Regulator IC Positive Fixed 5V 1 Output 2.5A 25-PowerVFQFN	Current - Output	2.5A

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RFQ Email: info@Components-World.com

RELATED PRODUCTS			
	Part#: MPQ4558DN-LF	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Description: IC REG BUCK ADJ 1A		
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	Description: SMART SINGLE USB CHARGING PORT P		
	Part#: MPQ4487GU-AEC1-Z	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Description: 36V, 6A, STEP-DOWN CONVERTER WIT		
	Part#: MPQ4487GU-FD-AEC1-P	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Description: 36V, 6A, BUCK CONVERTER WITH DUA		
	Part#: MPQ4488GU-AEC1-Z	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Description: 36V, 6A, BUCK CONVERTER WITH DUA		
	Part#: MPQ4487GU-FD-AEC1-Z	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Description: 36V, 6A, BUCK CONVERTER WITH DUA		
	Part#: MPQ4558DQ-AEC1-LF-P	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Description: IC REG BUCK ADJ 1A		
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	Part#: MPQ4559DN-LF	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Description: IC REG BUCK ADJ 1.5A		
	Part#: MPQ4559DQ-AEC1-LF-Z	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Description: IC REG BUCK ADJ 1.5A		
	Part#: MPQ4558DN-LF-Z	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Description: IC REG BUCK ADJ 1A		
	Part#: MPQ4488GU-AEC1-P	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Description: 36V, 6A, BUCK CONVERTER WITH DUA		
	Part#: MPQ4487GU-AEC1-P	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Description: 36V, 6A, STEP-DOWN CONVERTER WIT		
	Part#: MPQ4558DQ-AEC1-LF-Z	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Description: IC REG BUCK ADJ 1A		
	Part#: MPQ4558DQ-LF-Z	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Description: IC REG BUCK ADJ 1A		
	Part#: MPQ4488GU-FD-AEC1-P	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Description: 36V, 6A, BUCK CONVERTER WITH SPR		
	Part#: MPQ4485GU-LS-AEC1-Z	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Description: 36V, 6A, STEP DOWN CONVERTER WIT		
	Part#: MPQ4488GU-FD-AEC1-Z	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Description: 36V, 6A, BUCK CONVERTER WITH SPR		
	Part#: MPQ4559DQ-AEC1-LF-P	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Description: IC REG BUCK ADJ 1.5A		

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