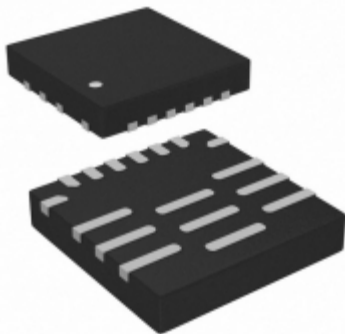


MPQ8612GR-20-Z



Part Number: [MPQ8612GR-20-Z](#)

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

Description: IC REG BUCK ADJ 20A SYNC

Data sheet:

RoHS Status: Lead free / RoHS Compliant

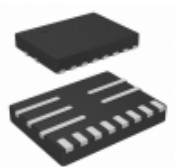
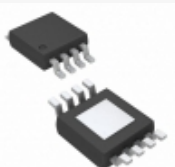
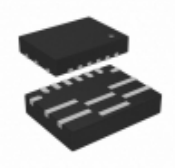
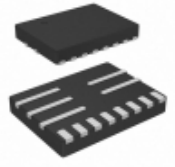
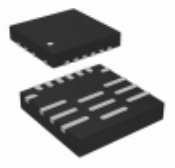
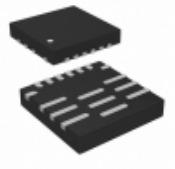
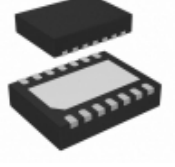
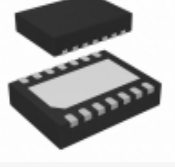
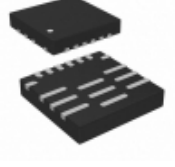
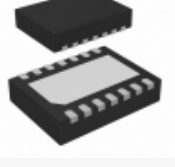
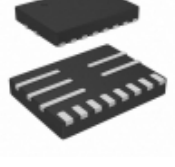
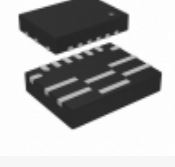
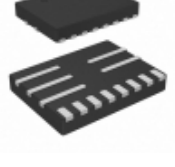
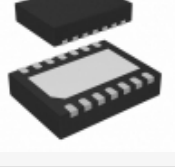
Ship From: Hong Kong

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

Images are for reference only.
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PRODUCT PARAMETER			
Part Number	MPQ8612GR-20-Z	Manufacturer	MPS (Monolithic Power Systems)
Description	IC REG BUCK ADJ 20A SYNC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	38153 pcs	Data sheet	
Category	Integrated Circuits (ICs)	Voltage - Output (Min/Fixed)	0.608V
Voltage - Output (Max)	4.5V	Voltage - Input (Min)	1.5V
Voltage - Input (Max)	6V	Topology	Buck
Synchronous Rectifier	Yes	Supplier Device Package	17-QFN (4x4)
Series	-	Packaging	Tape & Reel (TR)
Package / Case	14-VFQFN Exposed Pad	Output Type	Adjustable
Output Configuration	Positive	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	19 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Function	Step-Down
Frequency - Switching	300kHz ~ 1MHz	Detailed Description	Buck Switching Regulator IC Positive Adjustable 0.608V 1 Output 20A 14-VFQFN Exposed Pad
Current - Output	20A		
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	Part#: MPQ8039GN-AEC1-Z Description: IC HALF-BRIDGE PWM 8-SOIC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MPQ7731DF-LF-Z Description: IC AUDIO AMP CLASS D 20TSSOPF	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MPQ8612GL-12-Z Description: IC REG BUCK ADJ 12A SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MPQ8632DGLE-12-Z Description: IC REG BUCK ADJ 12A SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MPQ8612GR-16-Z Description: IC REG BUCK ADJ 16A SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MPQ8632GL-10-P Description: IC REG BUCK ADJ 10A SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MPQ8612GR-16-P Description: IC REG BUCK ADJ 16A SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MPQ8039GN-Z Description: IC HALF-BRIDGE PWM 8-SOIC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MPQ8632GL-10-Z Description: IC REG BUCK ADJ 10A SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MPQ8039GN Description: IC HALF-BRIDGE PWM 8-SOIC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MPQ8616GL-6-P Description: IC REG BUCK ADJ 6A SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MPQ8616GL-12-P Description: IC REG BUCK ADJ 12A SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MPQ8612GR-20-P Description: IC REG BUCK ADJ 20A SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
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