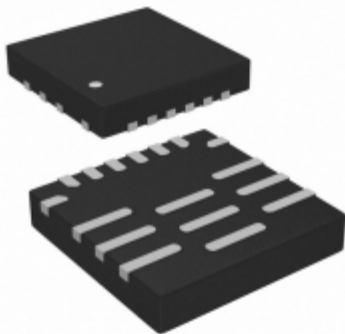


MPQ8612GR-20-P



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

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

Description: IC REG BUCK ADJ 20A SYNC

Data sheet:

RoHs Status: Lead free / RoHS Compliant

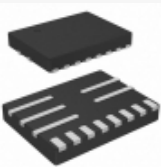
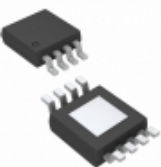
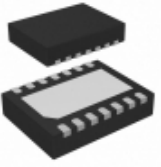
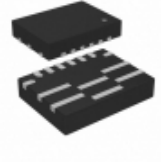
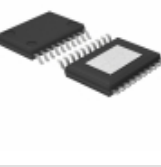
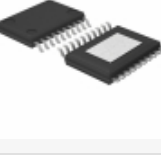
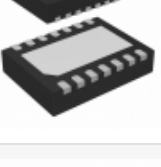
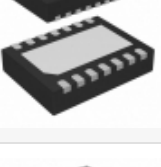
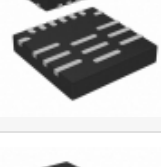
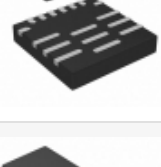
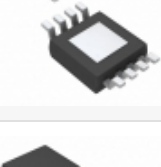
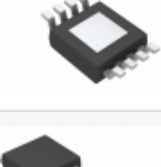
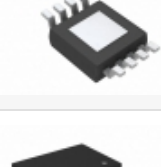
Ship From: Hong Kong

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

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PRODUCT PARAMETER			
Part Number	MPQ8612GR-20-P	Manufacturer	MPS (Monolithic Power Systems)
Description	IC REG BUCK ADJ 20A SYNC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	26516 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	Other Names	1589-1321-2
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	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 Description: IC HALF-BRIDGE PWM 8-SOIC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
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	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
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	Part#: MPQ8612GR-20-Z Description: IC REG BUCK ADJ 20A SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MPQ8632DGLE-12-P Description: IC REG BUCK ADJ 12A SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MPQ7731DF-LF Description: IC AUDIO AMP CLASS D 20TSSOPF	Manufacturers: MPS (Monolithic Power Systems)	RFQ
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	Part#: MPQ8632DGLE-6-Z Description: IC REG BUCK ADJ 6A SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
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