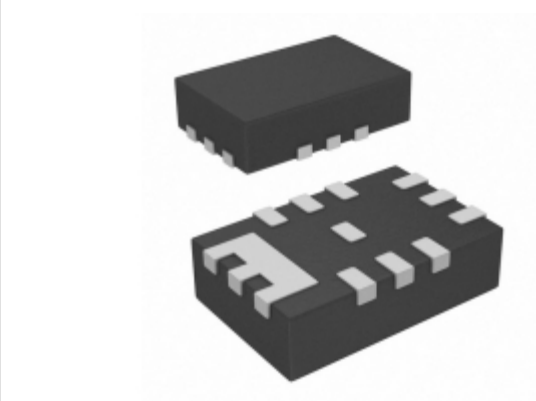


MP2145GD-P



Part Number: [MP2145GD-P](#)

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

Description IC REG BUCK ADJ 6A SYNC

Data sheet:

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

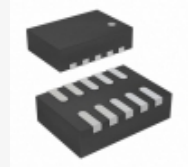
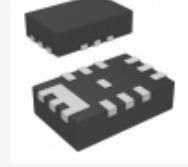
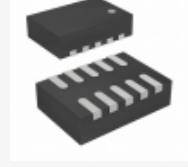
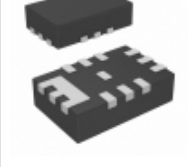
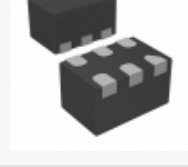
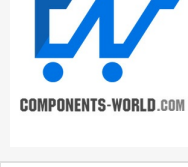
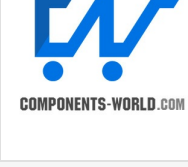
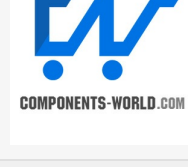
Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.
See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	MP2145GD-P	Manufacturer	MPS (Monolithic Power Systems)
Description	IC REG BUCK ADJ 6A SYNC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	24599 pcs	Data sheet	
Category	Integrated Circuits (ICs)	Voltage - Output (Min/Fixed)	0.6V
Voltage - Output (Max)	5.5V	Voltage - Input (Min)	2.8V
Voltage - Input (Max)	5.5V	Topology	Buck
Synchronous Rectifier	Yes	Supplier Device Package	12-QFN (2x3)
Series	-	Packaging	Tape & Reel (TR)
Output Type	Adjustable	Output Configuration	Positive
Other Names	1589-1083-2	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	1.2MHz	Detailed Description	Buck Switching Regulator IC Positive Adjustable 0.6V 1 Output 6A
Current - Output	6A		

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	Part#: MP2147GD Description: IC REG BUCK ADJ 4A SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP2148GQD Description: 1A SYNCHRONOUS STEP-DOWN CONVERT	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP2148GQD Description: 1A SYNCHRONOUS STEP-DOWN CONVERT	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP2143DJ-LF Description: IC REG BUCK ADJ 3A SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP2148GQD Description: IC REG BUCK 1.2V 1A SYNC QFN	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP2147GD Description: IC REG BUCK ADJ 4A SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP2144GJ Description: IC REG BUCK ADJ 2A SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP2143HGD Description: IC REG BUCK ADJ 3A SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP2148GQD Description: 1A SYNCHRONOUS STEP-DOWN CONVERT	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP2143DJ-LF Description: IC REG BUCK ADJ 3A SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP2145GD Description: IC REG BUCK ADJ 6A SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP2141QGT Description: 1.5A, SYNCHRONOUS STEP-DOWN CONV	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP2148GQD Description: 1A SYNCHRONOUS STEP-DOWN CONVERT	Manufacturers: MPS (Monolithic Power Systems)	RFQ
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Related keywords for MP2145GD-P			
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