

MP2148GQD-18-Z



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Part Number: [MP2148GQD-18-Z](#)

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

Description: 1A SYNCHRONOUS STEP-DOWN CONVERT

Data sheet:

RoHs Status: Lead free / RoHS Compliant

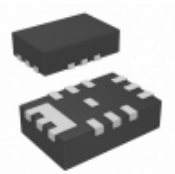
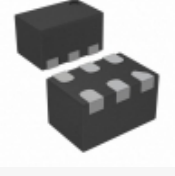
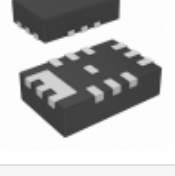
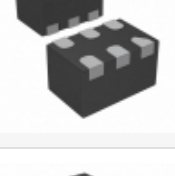
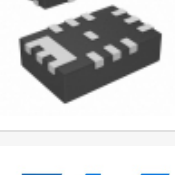
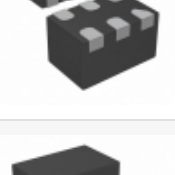
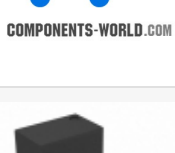
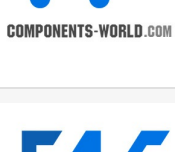
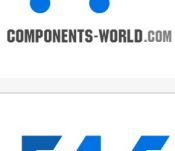
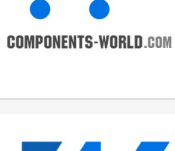
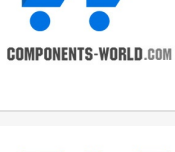
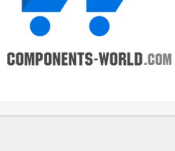
Ship From: Hong Kong

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See Product Specifications for product details.
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Request For Quotation

PRODUCT PARAMETER			
Part Number	MP2148GQD-18-Z	Manufacturer	MPS (Monolithic Power Systems)
Description	1A SYNCHRONOUS STEP-DOWN CONVERT	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	84743 pcs	Data sheet	
Category	Integrated Circuits (ICs)	Voltage - Output (Min/Fixed)	1.8V
Voltage - Output (Max)	-	Voltage - Input (Min)	2.3V
Voltage - Input (Max)	5.5V	Topology	Buck
Synchronous Rectifier	Yes	Supplier Device Package	6-QFN (1x1.5)
Series	-	Packaging	Tape & Reel (TR)
Package / Case	6-VDFDN	Output Type	Fixed
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	14 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Function	Step-Down
Frequency - Switching	2.2MHz	Detailed Description	Buck Switching Regulator IC Positive Fixed 1.8V 1 Output 1A 6-VDFDN
Current - Output	1A		
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	Part#: MP2145GD-Z Description: IC REG BUCK ADJ 6A SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
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	Part#: MP2148GQD-12-P Description: IC REG BUCK 1.2V 1A SYNC QFN	Manufacturers: MPS (Monolithic Power Systems)	RFQ
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	Part#: MP2144GJ-ZX Description: IC REG BUCK ADJ 2A SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP2148GQD-12-Z Description: IC REG BUCK 1.2V 1A SYNC QFN	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP2149GJ-ZX Description: IC REG BUCK ADJ 1A DL SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP2148GQD-15-Z Description: 1A SYNCHRONOUS STEP-DOWN CONVERT	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP2148GQD-25-Z Description: 1A SYNCHRONOUS STEP-DOWN CONVERT	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP2148GQD-15-P Description: 1A SYNCHRONOUS STEP-DOWN CONVERT	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP2148GQD-33-Z Description: 1A SYNCHRONOUS STEP-DOWN CONVERT	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP2149GJ-P Description: IC REG BUCK ADJ 1A DL SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP2151GTF-P Description: 1A, 2.5-5.5V, 1.1MHZ, SYNCHRONOU	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP2148GQD-18-P Description: 1A SYNCHRONOUS STEP-DOWN CONVERT	Manufacturers: MPS (Monolithic Power Systems)	RFQ

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