

MP2314SGJ-Z



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Part Number: [MP2314SGJ-Z](#)

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

Description: 2A, 24V, 500KHZ, HIGH-EFFICIENCY

Data sheet:

RoHs Status: Lead free / RoHS Compliant

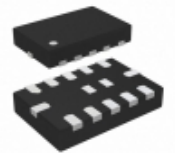
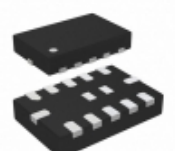
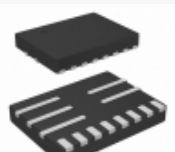
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Request For Quotation

PRODUCT PARAMETER			
Part Number	MP2314SGJ-Z	Manufacturer	MPS (Monolithic Power Systems)
Description	2A, 24V, 500KHZ, HIGH-EFFICIENCY	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	62215 pcs	Data sheet	
Category	Integrated Circuits (ICs)	Voltage - Output (Min/Fixed)	0.8V
Voltage - Output (Max)	22.8V	Voltage - Input (Min)	4.5V
Voltage - Input (Max)	24V	Topology	Buck
Synchronous Rectifier	Yes	Supplier Device Package	TSOT-23-8
Series	-	Packaging	Cut Tape (CT)
Package / Case	SOT-23-8 Thin, TSOT-23-8	Output Type	Adjustable
Output Configuration	Positive	Other Names	1589-1578-1
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	500kHz
Detailed Description	Buck Switching Regulator IC Positive Adjustable 0.8V 1 Output 2A SOT-23-8 Thin, TSOT-23-8	Current - Output	2A
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	Part#: MP2314GJ-P Description: IC REG BUCK ADJ 2A SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
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	Part#: MP2318GJ-P Description: IC REG BUCK ADJ 2A SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP2313GJ-Z Description: IC REG BUCK ADJ 1A SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
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	Part#: MP2312GQ-P Description: IC REG BUCK ADJ 2.1A SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP2315SGJ-P Description: 3A, 24V, 500KHZ, HIGH-EFFICIENCY	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP2315GJ-Z Description: IC REG BUCK ADJ 3A SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP2314GJ-Z Description: IC REG BUCK ADJ 2A SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
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