

MP2305DS-LF-Z



COMPONENTS-WORLD.COM

Part Number: [MP2305DS-LF-Z](#)

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

Description: IC REG BUCK ADJ 2A SYNC

Data sheet:

RoHs Status: Lead free / RoHS Compliant

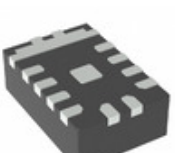
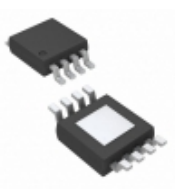
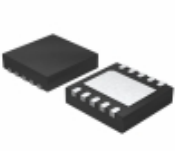
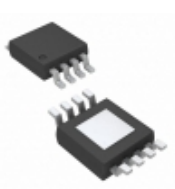
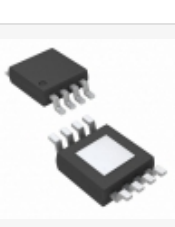
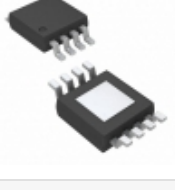
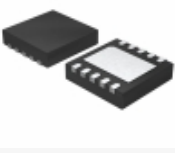
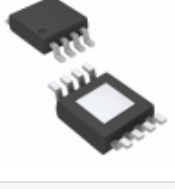
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See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	MP2305DS-LF-Z	Manufacturer	MPS (Monolithic Power Systems)
Description	IC REG BUCK ADJ 2A SYNC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	64499 pcs	Data sheet	
Category	Integrated Circuits (ICs)	Voltage - Output (Min/Fixed)	0.923V
Voltage - Output (Max)	20V	Voltage - Input (Min)	4.75V
Voltage - Input (Max)	23V	Topology	Buck
Synchronous Rectifier	Yes	Supplier Device Package	8-SOIC
Series	-	Packaging	Tape & Reel (TR)
Package / Case	8-SOIC (0.154", 3.90mm Width)	Output Type	Adjustable
Output Configuration	Positive	Operating Temperature	-40°C ~ 85°C (TA)
Number of Outputs	1	Mounting Type	Surface Mount
Moisture Sensitivity Level (MSL)	2 (1 Year)	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Function	Step-Down	Frequency - Switching	340kHz
Detailed Description	Buck Switching Regulator IC Positive Adjustable 0.923V 1 Output 2A 8-SOIC (0.154", 3.90mm Width)	Current - Output	2A
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	Part#: MP2307DN-LF-Z Description: IC REG BUCK ADJ 3A SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP2303DQ-LF-Z Description: IC REG BUCK ADJ 3A SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP2303DN-LF-Z Description: IC REG BUCK ADJ 3A SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP2312GQ-Z Description: IC REG BUCK ADJ 2.1A SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP22T1-C24-5780-WWW-1-00 Description: MOD BLOCK XHP70 5700K	Manufacturers: Opulent Americas	RFQ
	Part#: MP2303DN-LF Description: IC REG BUCK ADJ 3A SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP2307DN-LF Description: IC REG BUCK ADJ 3A SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP2303DQ-LF-P Description: IC REG BUCK ADJ 3A SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
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	Part#: MP22T1-C24-5780-WV-1-00 Description: MOD BLOCK, XHP70.2, IP RATED, SQ	Manufacturers: Opulent Americas	RFQ
	Part#: MP2303ADN-LF-Z Description: IC REG BUCK ADJ 3A SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP2309DS-LF-Z Description: IC REG BUCK ADJ 1A SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP2312GQ-P Description: IC REG BUCK ADJ 2.1A SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP2309DS-LF Description: IC REG BUCK ADJ 1A SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP2308GD-Z Description: IC REG BUCK ADJ 4A SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP2305DS-LF Description: IC REG BUCK ADJ 2A SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP22T1-C24-5780-WWW-2-00 Description: MOD BLOCK XHP70 5700K	Manufacturers: Opulent Americas	RFQ
	Part#: MP230FC Description: IC OPAMP POWER 2MHZ 42DIP	Manufacturers: Apex Microtechnology	RFQ

Related keywords for MP2305DS-LF-Z

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