

MP1591DS-LF-Z



Part Number: [MP1591DS-LF-Z](#)

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

Description: IC REG BUCK ADJ 2A SYNC

Data sheet:

RoHs Status: Lead free / RoHS Compliant

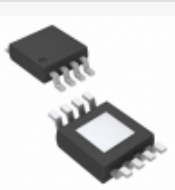
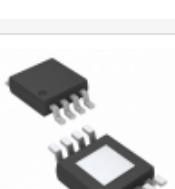
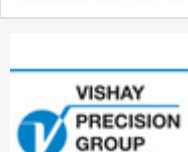
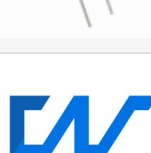
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PRODUCT PARAMETER			
Part Number	MP1591DS-LF-Z	Manufacturer	MPS (Monolithic Power Systems)
Description	IC REG BUCK ADJ 2A SYNC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	62938 pcs	Data sheet	
Category	Integrated Circuits (ICs)	Voltage - Output (Min/Fixed)	1.23V
Voltage - Output (Max)	21V	Voltage - Input (Min)	6.5V
Voltage - Input (Max)	32V	Topology	Buck
Synchronous Rectifier	Yes	Supplier Device Package	8-SOIC
Series	-	Packaging	Original-Reel®
Package / Case	8-SOIC (0.154", 3.90mm Width)	Output Type	Adjustable
Output Configuration	Positive	Other Names	1589-1535-6
Operating Temperature	-40°C ~ 85°C (TA)	Number of Outputs	1
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)	2 (1 Year)
Manufacturer Standard Lead Time	12 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Function	Step-Down	Frequency - Switching	330kHz
Detailed Description	Buck Switching Regulator IC Positive Adjustable 1.23V 1 Output 2A 8-SOIC (0.154", 3.90mm Width)	Current - Output	2A
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	Part#: MP1587EN-LF-Z Description: IC REG BUCK 28V 2A	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP1591DN-LF-Z Description: IC REG BUCK ADJ 2A SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
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	Part#: MP1588EN-LF Description: IC REG BUCK 28V 3A	Manufacturers: MPS (Monolithic Power Systems)	RFQ
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	Part#: MP158GJ-Z Description: SMALL, ENERGY-EFFICIENT, OFF-LIN	Manufacturers: MPS (Monolithic Power Systems)	RFQ
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	Part#: MP1591DS-LF Description: IC REG BUCK ADJ 2A SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP160B Description: CRYSTAL 16.0000MHZ 18PF T/H	Manufacturers: CTS Electronic Components	RFQ

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