

MP1591DN-LF



Part Number: [MP1591DN-LF](#)

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

Description: IC REG BUCK ADJ 2A SYNC

Data sheet:

RoHs Status: Lead free / RoHS Compliant

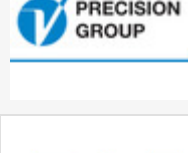
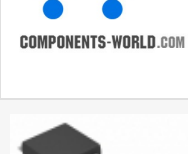
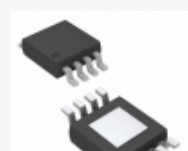
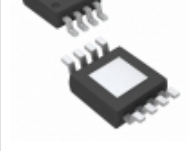
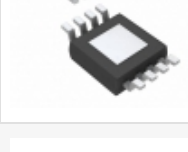
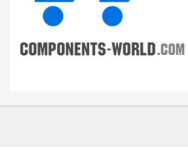
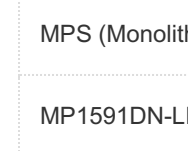
Ship From: Hong Kong

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Request For Quotation

PRODUCT PARAMETER			
Part Number	MP1591DN-LF	Manufacturer	MPS (Monolithic Power Systems)
Description	IC REG BUCK ADJ 2A SYNC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	60713 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-EP
Series	-	Packaging	Tube
Package / Case	8-SOIC (0.154", 3.90mm Width) Exposed Pad	Output Type	Adjustable
Output Configuration	Positive	Other Names	1589-1862 MP1591DN-LF-ND
Operating Temperature	-40°C ~ 85°C (TA)	Number of Outputs	1
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)	2A (4 Weeks)
Manufacturer Standard Lead Time	18 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) Exposed Pad	Current - Output	2A
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RELATED PRODUCTS			
	Part#: MP1588EN-LF-Z Description: IC REG BUCK 28V 3A	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP158GS Description: SMALL, ENERGY-EFFICIENT, OFF-LIN	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP1591DS-LF-Z Description: IC REG BUCK ADJ 2A SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP1587EN-LF-Z Description: IC REG BUCK 28V 2A	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP160-E Description: CRYSTAL 16.0000MHZ SERIES T/H	Manufacturers: CTS Electronic Components	RFQ
	Part#: MP15K00 Description: MP15K00 0.05% BULK	Manufacturers: Vishay Precision Group	RFQ
	Part#: MP158GJ-P Description: SMALL, ENERGY-EFFICIENT, OFF-LIN	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP1593DN-LF-Z Description: IC REG BUCK ADJ 3A SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP1591DS-LF Description: IC REG BUCK ADJ 2A SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP1587EN-LF Description: IC REG BUCK 28V 2A	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
	Part#: MP1593DN-LF Description: IC REG BUCK ADJ 3A SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP160 Description: CRYSTAL 16.0000MHZ SERIES T/H	Manufacturers: CTS Electronic Components	RFQ
	Part#: MP1586EN-LF Description: IC REG BUCK ADJ 3A	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP1586EN-LF-Z Description: IC REG BUCK ADJ 3A	Manufacturers: MPS (Monolithic Power Systems)	RFQ
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	Part#: MP1591DN-LF-Z Description: IC REG BUCK ADJ 2A SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP1588EN-LF Description: IC REG BUCK 28V 3A	Manufacturers: MPS (Monolithic Power Systems)	RFQ

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