

MP1482DS-LF



Part Number: [MP1482DS-LF](#)

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

Description: IC REG BUCK ADJ 2A SYNC

Data sheet:

RoHs Status: Lead free / RoHS Compliant

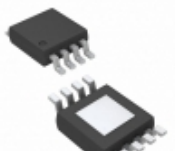
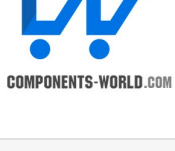
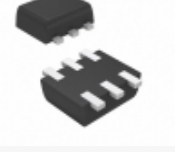
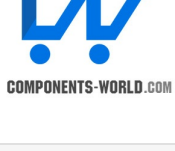
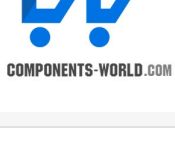
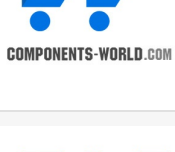
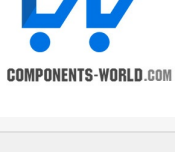
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PRODUCT PARAMETER			
Part Number	MP1482DS-LF	Manufacturer	MPS (Monolithic Power Systems)
Description	IC REG BUCK ADJ 2A SYNC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	40202 pcs	Data sheet	
Category	Integrated Circuits (ICs)	Voltage - Output (Min/Fixed)	0.923V
Voltage - Output (Max)	15V	Voltage - Input (Min)	4.75V
Voltage - Input (Max)	18V	Topology	Buck
Synchronous Rectifier	Yes	Supplier Device Package	8-SOIC
Series	-	Packaging	Tube
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)	Manufacturer Standard Lead Time	18 Weeks
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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RELATED PRODUCTS			
	Part#: MP147A-E Description: CRYSTAL 14.7456MHZ 20PF T/H	Manufacturers: CTS Electronic Components	RFQ
	Part#: MP1476LGTF-Z Description: HIGH-EFFICIENCY, 2A, 18V, 800KHZ	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP1477HGTF-Z Description: 3A, 4.2-17V, 1.2MHZ, HIGH-EFFICI	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP147A Description: CRYSTAL 14.7456MHZ 20PF T/H	Manufacturers: CTS Electronic Components	RFQ
	Part#: MP1484EN-LF Description: IC REG BUCK ADJ 3A SYNC 8SOIC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP1493DS-LF-Z Description: IC REG BUCK ADJ 3A SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP147B Description: CRYSTAL 14.7456MHZ 18PF T/H	Manufacturers: CTS Electronic Components	RFQ
	Part#: MP1493DS-LF Description: IC REG BUCK ADJ 3A SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP147B-E Description: CRYSTAL 14.7456MHZ 18PF T/H	Manufacturers: CTS Electronic Components	RFQ
	Part#: MP1477HGTF-P Description: 3A, 4.2-17V, 1.2MHZ, HIGH-EFFICI	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP1494DJ-LF-Z Description: IC REG BUCK ADJ 2A SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP1494DJ-LF-P Description: IC REG BUCK ADJ 2A SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP1484EN-LF-Z Description: IC REG BUCK ADJ 3A SYNC 8SOIC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP1492DS-LF-Z Description: IC REG BUCK ADJ 2A SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP1476LGTF-P Description: HIGH-EFFICIENCY, 2A, 18V, 800KHZ	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP1477GTF-Z Description: HIGH-EFFICIENCY, 3A, 18V, 800KHZ	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP1482DS-LF-Z Description: IC REG BUCK ADJ 2A SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP1477GTF-P Description: HIGH-EFFICIENCY, 3A, 18V, 800KHZ	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP1492DS-LF Description: IC REG BUCK ADJ 2A SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MP1494SGJ-P Description: IC REG BUCK ADJ 2A SYNC	Manufacturers: MPS (Monolithic Power Systems)	RFQ

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