

MPQ1542DK-LF



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Part Number: [MPQ1542DK-LF](#)

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

Description: INDUSTRIAL GRADE.700KHZ/1.3MHZ 2

Data sheet:

RoHs Status: Lead free / RoHS Compliant

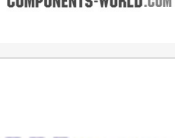
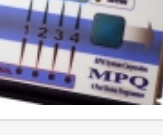
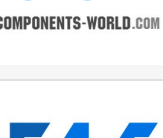
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Request For Quotation

PRODUCT PARAMETER			
Part Number	MPQ1542DK-LF	Manufacturer	MPS (Monolithic Power Systems)
Description	INDUSTRIAL GRADE.700KHZ/1.3MHZ 2	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	45207 pcs	Data sheet	
Category	Integrated Circuits (ICs)	Voltage - Output (Min/Fixed)	3V
Voltage - Output (Max)	22V	Voltage - Input (Min)	2.2V
Voltage - Input (Max)	22V	Topology	Boost
Synchronous Rectifier	No	Series	-
Packaging	Tube	Output Type	Adjustable
Output Configuration	Positive	Operating Temperature	-40°C ~ 125°C (TJ)
Number of Outputs	1	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	19 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Function	Step-Up	Frequency - Switching	700kHz, 1.3MHz
Detailed Description	Boost Switching Regulator IC Positive Adjustable 3V 1 Output 2A (Switch)	Current - Output	2A (Switch)
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	Part#: MPQ1542DK-LF-Z Description: INDUSTRIAL GRADE.700KHZ/1.3MHZ 2	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MPQ-TCA-PSOC Description: TARGET CABLE ASSEMBLY	Manufacturers: RPM Systems	RFQ
	Part#: MPQ-TCA-Z8 Description: TARGET CABLE ASSEMBLY FOR MPQ-Z8	Manufacturers: RPM Systems	RFQ
	Part#: MPQ1924HS-LF Description: 100V, 4A, HIGH FREQUENCY HALF-BR	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MPQ1924HS-LF-Z Description: 100V, 4A, HIGH FREQUENCY HALF-BR	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MPQ1530DQ-AEC1-LF-P Description: IC REG LINEAR POS/NEG ADJ	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MPQ20051DQ-LF-Z Description: IC REG LINEAR POS ADJ 1A 8QFN	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MPQ1530DQ-LF-Z Description: IC REG LINEAR POS/NEG ADJ	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MPQ-TCA-AVR(SPI) Description: TARGET CABLE ASSEMBLY FOR MPQ-AV	Manufacturers: RPM Systems	RFQ
	Part#: MPQ-ZNEO Description: ISP 4PORT FOR ZILOG ZNEO MCU	Manufacturers: RPM Systems	RFQ
	Part#: MPQ-Z8 Description: ISP 4PORT ZILOG Z8 ENCORE! MCU	Manufacturers: RPM Systems	RFQ
	Part#: MPQ20051DQ-AEC1-LF-Z Description: IC REG LINEAR POS ADJ 1A 8QFN	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MPQ-TCA-C2 Description: TARGET CABLE ASSEMBLY FOR MPQ-C2	Manufacturers: RPM Systems	RFQ
	Part#: MPQ18021HS-A-LF-Z Description: IC GATE DRIVER	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MPQ1530DQ-AEC1-LF-Z Description: IC REG LINEAR POS/NEG ADJ	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MPQ20051DQ-AEC1-LF-P Description: IC REG LINEAR POS ADJ 1A 8QFN	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MPQ20051DQ-LF-P Description: IC REG LINEAR POS ADJ 1A 8QFN	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MPQ18021HS-A-LF Description: IC GATE DRIVER	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MPQ20056GG-18-AEC1-P Description: IC REG LINEAR 1.8V 250MA 8QFN	Manufacturers: MPS (Monolithic Power Systems)	RFQ
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