

MPQ20051DQ-AEC1-LF-P



Part Number: [MPQ20051DQ-AEC1-LF-P](#)

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

Description: IC REG LINEAR POS ADJ 1A 8QFN

Data sheet:

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

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PRODUCT PARAMETER			
Part Number	MPQ20051DQ-AEC1-LF-P	Manufacturer	MPS (Monolithic Power Systems)
Description	IC REG LINEAR POS ADJ 1A 8QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	60838 pcs	Data sheet	
Category	Integrated Circuits (ICs)	Voltage Dropout (Max)	0.28V @ 1A
Voltage - Output (Min/Fixed)	0.8V	Voltage - Output (Max)	5V
Voltage - Input (Max)	5.5V	Supplier Device Package	8-QFN (3x3)
Series	Automotive, AEC-Q100	Protection Features	Over Current, Over Temperature, Under Voltage Lockout (UVLO)
Packaging	Original-Reel®	Package / Case	8-VDFN Exposed Pad
PSRR	65dB ~ 33dB (100Hz ~ 1MHz)	Output Type	Adjustable
Output Configuration	Positive	Other Names	1589-1268-6
Operating Temperature	-40°C ~ 125°C	Number of Regulators	1
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	16 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Detailed Description	Linear Voltage Regulator IC Positive Adjustable 1 Output 0.8 V ~ 5 V 1A 8-QFN (3x3)	Current - Supply (Max)	700µA
Current - Quiescent (Iq)	200µA	Current - Output	1A
Control Features	Enable		
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	Part#: MPQ20051DQ-LF-Z Description: IC REG LINEAR POS ADJ 1A 8QFN	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-P Description: IC REG LINEAR POS ADJ 1A 8QFN	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MPQ20051DQ-AEC1-LF-Z Description: IC REG LINEAR POS ADJ 1A 8QFN	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MPQ20056GG-18-Z Description: IC REG LINEAR 1.8V 250MA 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#: MPQ1530DQ-AEC1-LF-Z Description: IC REG LINEAR POS/NEG ADJ	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MPQ20056GG-18-P Description: IC REG LINEAR 1.8V 250MA 8QFN	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MPQ1542DK-LF Description: INDUSTRIAL GRADE.700KHZ/1.3MHZ 2	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MPQ1530DQ-LF-P Description: IC REG LINEAR POS/NEG ADJ	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
	Part#: MPQ1542DK-LF-Z Description: INDUSTRIAL GRADE.700KHZ/1.3MHZ 2	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MPQ20056GG-33-AEC1-Z Description: IC REG LINEAR 3.3V 250MA 8QFN	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MPQ1924HS-LF Description: 100V, 4A, HIGH FREQUENCY HALF-BR	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MPQ18021HS-A-LF Description: IC GATE DRIVER	Manufacturers: MPS (Monolithic Power Systems)	RFQ
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	Part#: MPQ20056GG-18-AEC1-Z Description: IC REG LINEAR 1.8V 250MA 8QFN	Manufacturers: MPS (Monolithic Power Systems)	RFQ
	Part#: MPQ20056GG-33-AEC1-P Description: IC REG LINEAR 3.3V 250MA 8QFN	Manufacturers: MPS (Monolithic Power Systems)	RFQ
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