



MPS (Monolithic Power Systems)



Part Number: MPQ4558DQ-AEC1-LF-Z

Manufacturer/Brand: MPS (Monolithic Power Systems)

Product description: IC REG BUCK ADJ 1A

Datasheets: [PDF MPQ4558DQ-AEC1-LF-Z.pdf](#)

RoHs Status:  Lead free / RoHS Compliant

Ship From: Hong Kong

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

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

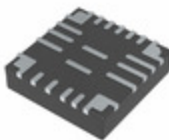
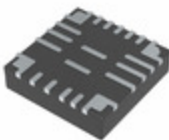
Specifications of MPQ4558DQ-AEC1-LF-Z

PART NUMBER	MPQ4558DQ-AEC1-LF-Z
MANUFACTURER	MPS (Monolithic Power Systems)
DESCRIPTION	IC REG BUCK ADJ 1A
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	PDF MPQ4558DQ-AEC1-LF-Z.pdf
VOLTAGE - OUTPUT (MIN/FIXED)	0.8V
VOLTAGE - OUTPUT (MAX)	52V
VOLTAGE - INPUT (MIN)	3.8V
VOLTAGE - INPUT (MAX)	55V
TOPOLOGY	Buck
SYNCHRONOUS RECTIFIER	No
SUPPLIER DEVICE PACKAGE	10-QFN (3x3)
SERIES	Automotive, AEC-Q100
PACKAGING	Cut Tape (CT)
PACKAGE / CASE	10-VFDFN Exposed Pad
OUTPUT TYPE	Adjustable
OUTPUT CONFIGURATION	Positive
OTHER NAMES	1589-1805-1
OPERATING TEMPERATURE	-40°C ~ 125°C (TJ)
NUMBER OF OUTPUTS	1
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
MANUFACTURER STANDARD LEAD TIME	20 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
FUNCTION	Step-Down
FREQUENCY - SWITCHING	Up to 2MHz
DETAILED DESCRIPTION	Buck Switching Regulator IC Positive Adjustable 0.8V 1 Output 1A 10-VFDFN Exposed Pad
CURRENT - OUTPUT	1A

Related Tags

MPS (Monolithic Power Systems) MPQ4558DQ-AEC1-LF-Z	MPQ4558DQ-AEC1-LF-Z Distributor	MPQ4558DQ-AEC1-LF-Z Supplier
MPQ4558DQ-AEC1-LF-Z Price	MPQ4558DQ-AEC1-LF-Z Pictures	MPQ4558DQ-AEC1-LF-Z Image
MPQ4558DQ-AEC1-LF-Z PDF Datasheet	MPQ4558DQ-AEC1-LF-Z Download Datasheet	MPQ4558DQ-AEC1-LF-Z Datasheet
MPQ4558DQ-AEC1-LF-Z Stock	Buy MPQ4558DQ-AEC1-LF-Z	Buy MPS (Monolithic Power Systems) MPQ4558DQ-AEC1-LF-Z
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MPS (Monolithic Power Systems) MPQ4558DQ-AEC1-LF-Z	Monolithic Power Systems MPQ4558DQ-AEC1-LF-Z	Monolithic Power Systems Inc. MPQ4558DQ-AEC1-LF-Z
MPS (Monolithic Power Systems) MPQ4558DQ-AEC1-LF-Z		

Related Products

 MPQ4491MGRE-AEC1-Z Manufacturers: MPS (Monolithic Power Systems) Description: SMART SINGLE USB CHARGING PORT P In stock: Out stock RFQ	 MPQ4491MGRE-AEC1-P Manufacturers: MPS (Monolithic Power Systems) Description: SMART SINGLE USB CHARGING PORT P In stock: Out stock RFQ
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 MPQ4558DQ-LF-P Manufacturers: MPS (Monolithic Power Systems) Description: IC REG BUCK ADJ 1A In stock: Out stock RFQ	 MPQ4559DQ-AEC1-LF-Z Manufacturers: MPS (Monolithic Power Systems) Description: IC REG BUCK ADJ 1.5A In stock: Out stock RFQ
 MPQ4558DQ-AEC1-LF-P Manufacturers: MPS (Monolithic Power Systems) Description: IC REG BUCK ADJ 1A In stock: Out stock RFQ	 MPQ4559DN-LF-Z Manufacturers: MPS (Monolithic Power Systems) Description: IC REG BUCK ADJ 1.5A In stock: Out stock RFQ
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 MPQ4558DQ-LF-Z Manufacturers: MPS (Monolithic Power Systems) Description: IC REG BUCK ADJ 1A In stock: Out stock RFQ	 MPQ4558DN-LF Manufacturers: MPS (Monolithic Power Systems) Description: IC REG BUCK ADJ 1A In stock: Out stock RFQ