



MPS (Monolithic Power Systems)



Image may be representation. See specifications for product details.

MPQ20051DQ-AEC1-LF-Z

Part Number:	MPQ20051DQ-AEC1-LF-Z
Manufacturer/Brand:	MPS (Monolithic Power Systems)
Product description	IC REG LINEAR POS ADJ 1A 8QFN
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	114617 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of MPQ20051DQ-AEC1-LF-Z

PART NUMBER	MPQ20051DQ-AEC1-LF-Z
MANUFACTURER	MPS (Monolithic Power Systems)
DESCRIPTION	IC REG LINEAR POS ADJ 1A 8QFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	114617 pcs
DATA SHEET	
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	Tape & Reel (TR)
PACKAGE / CASE	8-VDFN Exposed Pad
PSRR	65dB ~ 33dB (100Hz ~ 1MHz)
OUTPUT TYPE	Adjustable
OUTPUT CONFIGURATION	Positive
OTHER NAMES	1589-1775-2 MPQ20051DQ-AEC1-LF-Z-ND
OPERATING TEMPERATURE	-40°C ~ 125°C
NUMBER OF REGULATORS	1
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
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

Related Tags

MPS (Monolithic Power Systems) MPQ20051DQ-AEC1-LF-Z	MPQ20051DQ-AEC1-LF-Z Distributor	MPQ20051DQ-AEC1-LF-Z Supplier
MPQ20051DQ-AEC1-LF-Z Price	MPQ20051DQ-AEC1-LF-Z Pictures	MPQ20051DQ-AEC1-LF-Z Image
MPQ20051DQ-AEC1-LF-Z PDF Datasheet	MPQ20051DQ-AEC1-LF-Z Download Datasheet	MPQ20051DQ-AEC1-LF-Z Datasheet
MPQ20051DQ-AEC1-LF-Z Stock	Buy MPQ20051DQ-AEC1-LF-Z	Buy MPS (Monolithic Power Systems) MPQ20051DQ-AEC1-LF-Z
MPS (Monolithic Power Systems) MPQ20051DQ-AEC1-LF-Z	MPS (Monolithic Power Systems) Supplier	MPS (Monolithic Power Systems) Distributor
MPS (Monolithic Power Systems) MPQ20051DQ-AEC1-LF-Z	Monolithic Power Systems MPQ20051DQ-AEC1-LF-Z	Monolithic Power Systems Inc. MPQ20051DQ-AEC1-LF-Z
MPS (Monolithic Power Systems) MPQ20051DQ-AEC1-LF-Z		

Related Products

 MPQ20051DQ-AEC1-LF-P Manufacturers: MPS (Monolithic Power Systems) Description: IC REG LINEAR POS ADJ 1A 8QFN In stock: 31455 pcs RFQ	 MPQ1924HS-LF Manufacturers: MPS (Monolithic Power Systems) Description: 100V, 4A, HIGH FREQUENCY HALF-BR In stock: 54559 pcs RFQ
 MPQ20056GG-18-AEC1-Z Manufacturers: MPS (Monolithic Power Systems) Description: IC REG LINEAR 1.8V 250MA 8QFN In stock: 51212 pcs RFQ	 MPQ20056GG-18-P Manufacturers: MPS (Monolithic Power Systems) Description: IC REG LINEAR 1.8V 250MA 8QFN In stock: 74751 pcs RFQ
 MPQ1542DK-LF-Z Manufacturers: MPS (Monolithic Power Systems) Description: INDUSTRIAL GRADE.700KHZ/1.3MHZ 2 In stock: 76682 pcs RFQ	 MPQ20056GG-18-AEC1-P Manufacturers: MPS (Monolithic Power Systems) Description: IC REG LINEAR 1.8V 250MA 8QFN In stock: 79853 pcs RFQ
 MPQ20051DQ-LF-Z Manufacturers: MPS (Monolithic Power Systems) Description: IC REG LINEAR POS ADJ 1A 8QFN In stock: 119066 pcs RFQ	 MPQ1924HS-LF-Z Manufacturers: MPS (Monolithic Power Systems) Description: 100V, 4A, HIGH FREQUENCY HALF-BR In stock: 95546 pcs RFQ
 MPQ18021HS-A-LF Manufacturers: MPS (Monolithic Power Systems) Description: IC GATE DRIVER In stock: 49517 pcs RFQ	 MPQ18021HS-A-LF-Z Manufacturers: MPS (Monolithic Power Systems) Description: IC GATE DRIVER In stock: 79114 pcs RFQ
 MPQ20056GG-18-Z Manufacturers: MPS (Monolithic Power Systems) Description: IC REG LINEAR 1.8V 250MA 8QFN In stock: 152691 pcs RFQ	 MPQ20051DQ-LF-P Manufacturers: MPS (Monolithic Power Systems) Description: IC REG LINEAR POS ADJ 1A 8QFN In stock: 39677 pcs RFQ

