



MPS (Monolithic Power Systems)



MP1542DK-LF-Z

Part Number:	MP1542DK-LF-Z
Manufacturer/Brand:	MPS (Monolithic Power Systems)
Product description	IC REG BOOST ADJ 2A
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	107812 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of MP1542DK-LF-Z

PART NUMBER	MP1542DK-LF-Z
MANUFACTURER	MPS (Monolithic Power Systems)
DESCRIPTION	IC REG BOOST ADJ 2A
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	107812 pcs
DATA SHEET	
VOLTAGE - OUTPUT (MIN/FIXED)	3V
VOLTAGE - OUTPUT (MAX)	22V
VOLTAGE - INPUT (MIN)	2.5V
VOLTAGE - INPUT (MAX)	22V
TOPOLOGY	Boost
SYNCHRONOUS RECTIFIER	No
SUPPLIER DEVICE PACKAGE	8-MSOP
SERIES	-
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
OUTPUT TYPE	Adjustable
OUTPUT CONFIGURATION	Positive
OTHER NAMES	1589-1531-2 MP1542DK-LF-Z-ND
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF OUTPUTS	1
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
FUNCTION	Step-Up
FREQUENCY - SWITCHING	1.3MHz
DETAILED DESCRIPTION	Boost Switching Regulator IC Positive Adjustable 3V 1 Output 2A (Switch) 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
CURRENT - OUTPUT	2A (Switch)

Related Tags

MPS (Monolithic Power Systems) MP1542DK-LF-Z	MP1542DK-LF-Z Distributor	MP1542DK-LF-Z Supplier
MP1542DK-LF-Z Price	MP1542DK-LF-Z Pictures	MP1542DK-LF-Z Image
MP1542DK-LF-Z PDF Datasheet	MP1542DK-LF-Z Download Datasheet	MP1542DK-LF-Z Datasheet
MP1542DK-LF-Z Stock	Buy MP1542DK-LF-Z	Buy MPS (Monolithic Power Systems) MP1542DK-LF-Z
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Related Products

 MP1541DJ-LF-ZX Manufacturers: MPS (Monolithic Power Systems) Description: IC REG BOOST ADJ 0.3A In stock: 47943 pcs RFQ	 MP1567DK-LF Manufacturers: MPS (Monolithic Power Systems) Description: SWITCHING VOLTAGE REGULATORS In stock: 35082 pcs RFQ
 MP1541DJ-LF-P Manufacturers: MPS (Monolithic Power Systems) Description: IC REG BOOST ADJ 0.3A In stock: 76438 pcs RFQ	 MP155GS Manufacturers: MPS (Monolithic Power Systems) Description: TFGENERGY-EFFICIENT OFFLINE REGU In stock: 82728 pcs RFQ
 MP1541DJ-LF-Z Manufacturers: MPS (Monolithic Power Systems) Description: IC REG BOOST ADJ 0.3A In stock: 42422 pcs RFQ	 MP1567DK-LF-P Manufacturers: MPS (Monolithic Power Systems) Description: IC REG BUCK ADJ 1.2A SYNC In stock: 48984 pcs RFQ
 MP155GJ-P Manufacturers: MPS (Monolithic Power Systems) Description: IC REG ADJ In stock: 94328 pcs RFQ	 MP155GS-Z Manufacturers: MPS (Monolithic Power Systems) Description: TFGENERGY-EFFICIENT OFFLINE REGU In stock: 125915 pcs RFQ
 MP1541GG-Z Manufacturers: MPS (Monolithic Power Systems) Description: 1.3MHZ / 22VOUT STEP-UP CONVERTE In stock: 101736 pcs RFQ	 MP1542DK-LF-P Manufacturers: MPS (Monolithic Power Systems) Description: IC REG BOOST ADJ 2A In stock: 66354 pcs RFQ
 MP1541GG-P Manufacturers: MPS (Monolithic Power Systems) Description: 1.3MHZ / 22VOUT STEP-UP CONVERTE In stock: 65169 pcs RFQ	 MP155GJ-Z Manufacturers: MPS (Monolithic Power Systems) Description: IC REG ADJ In stock: 130651 pcs RFQ