



MPS (Monolithic Power Systems)



MP2148GQD-18-Z

Part Number:	MP2148GQD-18-Z
Manufacturer/Brand:	MPS (Monolithic Power Systems)
Product description	1A SYNCHRONOUS STEP-DOWN CONVERT
Datasheets:	 MP2148GQD-18-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 MP2148GQD-18-Z

PART NUMBER	MP2148GQD-18-Z
MANUFACTURER	MPS (Monolithic Power Systems)
DESCRIPTION	1A SYNCHRONOUS STEP-DOWN CONVERT
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 MP2148GQD-18-Z.pdf
VOLTAGE - OUTPUT (MIN/FIXED)	1.8V
VOLTAGE - OUTPUT (MAX)	-
VOLTAGE - INPUT (MIN)	2.3V
VOLTAGE - INPUT (MAX)	5.5V
TOPOLOGY	Buck
SYNCHRONOUS RECTIFIER	Yes
SUPPLIER DEVICE PACKAGE	6-QFN (1x1.5)
SERIES	-
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	6-VFDFN
OUTPUT TYPE	Fixed
OUTPUT CONFIGURATION	Positive
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	14 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
FUNCTION	Step-Down
FREQUENCY - SWITCHING	2.2MHz
DETAILED DESCRIPTION	Buck Switching Regulator IC Positive Fixed 1.8V 1 Output 1A 6-VFDFN
CURRENT - OUTPUT	1A

Related Tags

MPS (Monolithic Power Systems) MP2148GQD-18-Z	MP2148GQD-18-Z Distributor	MP2148GQD-18-Z Supplier
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Related Products

 MP2148GQD-33-P Manufacturers: MPS (Monolithic Power Systems) Description: 1A SYNCHRONOUS STEP-DOWN CONVERT In stock: Out stock RFQ	 MP2148GQD-12-P Manufacturers: MPS (Monolithic Power Systems) Description: IC REG BUCK 1.2V 1A SYNC QFN In stock: 555 pcs RFQ
 MP2148GQD-P Manufacturers: MPS (Monolithic Power Systems) Description: IC REG BUCK ADJ 1A SYNC QFN In stock: Out stock RFQ	 MP2148GQD-18-P Manufacturers: MPS (Monolithic Power Systems) Description: 1A SYNCHRONOUS STEP-DOWN CONVERT In stock: Out stock RFQ
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