



MPS (Monolithic Power Systems)

## MP2148GQD-15-P

Part Number:	MP2148GQD-15-P
Manufacturer/Brand:	MPS (Monolithic Power Systems)
Product description:	1A SYNCHRONOUS STEP-DOWN CONVERT
Datasheets:	
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	82111 pcs stock
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-15-P

PART NUMBER	MP2148GQD-15-P
MANUFACTURER	MPS (Monolithic Power Systems)
DESCRIPTION	1A SYNCHRONOUS STEP-DOWN CONVERT
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	82111 pcs
DATA SHEET	
VOLTAGE - OUTPUT (MIN/FIXED)	1.5V
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-VDFDN
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)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
FUNCTION	Step-Down
FREQUENCY - SWITCHING	2.2MHz
DETAILED DESCRIPTION	Buck Switching Regulator IC Positive Fixed 1.5V 1 Output 1A 6-VDFDN
CURRENT - OUTPUT	1A

### Related Tags

MPS (Monolithic Power Systems) MP2148GQD-15-P	MP2148GQD-15-P Distributor	MP2148GQD-15-P Supplier
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MPS (Monolithic Power Systems) MP2148GQD-15-P		

### Related Products

<p><b>MP2148GQD-25-Z</b> Manufacturers: MPS (Monolithic Power Systems) Description: 1A SYNCHRONOUS STEP-DOWN CONVERT In stock: 128839 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>MP2148GQD-18-P</b> Manufacturers: MPS (Monolithic Power Systems) Description: 1A SYNCHRONOUS STEP-DOWN CONVERT In stock: 68948 pcs</p> <p><a href="#">RFQ</a></p>
<p><b>MP2148GQD-18-Z</b> Manufacturers: MPS (Monolithic Power Systems) Description: 1A SYNCHRONOUS STEP-DOWN CONVERT In stock: 117039 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>MP2148GQD-12-P</b> Manufacturers: MPS (Monolithic Power Systems) Description: IC REG BUCK 1.2V 1A SYNC QFN In stock: 45972 pcs</p> <p><a href="#">RFQ</a></p>
<p><b>MP2148GQD-15-Z</b> Manufacturers: MPS (Monolithic Power Systems) Description: 1A SYNCHRONOUS STEP-DOWN CONVERT In stock: 143930 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>MP2148GQD-12-Z</b> Manufacturers: MPS (Monolithic Power Systems) Description: IC REG BUCK 1.2V 1A SYNC QFN In stock: 12573 pcs</p> <p><a href="#">RFQ</a></p>
<p><b>MP2147GD-P</b> Manufacturers: MPS (Monolithic Power Systems) Description: IC REG BUCK ADJ 4A SYNC In stock: 29126 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>MP2145GD-P</b> Manufacturers: MPS (Monolithic Power Systems) Description: IC REG BUCK ADJ 6A SYNC In stock: 26809 pcs</p> <p><a href="#">RFQ</a></p>
<p><b>MP2148GQD-25-P</b> Manufacturers: MPS (Monolithic Power Systems) Description: 1A SYNCHRONOUS STEP-DOWN CONVERT In stock: 66537 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>MP2148GQD-33-P</b> Manufacturers: MPS (Monolithic Power Systems) Description: 1A SYNCHRONOUS STEP-DOWN CONVERT In stock: 83102 pcs</p> <p><a href="#">RFQ</a></p>
<p><b>MP2145GD-Z</b> Manufacturers: MPS (Monolithic Power Systems) Description: IC REG BUCK ADJ 6A SYNC In stock: 35747 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>MP2147GD-Z</b> Manufacturers: MPS (Monolithic Power Systems) Description: IC REG BUCK ADJ 4A SYNC In stock: 17290 pcs</p> <p><a href="#">RFQ</a></p>