



MPS (Monolithic Power Systems)



MP2148GQD-18-P

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MP2148GQD-18-P                                                                                               |
| Manufacturer/Brand: | MPS (Monolithic Power Systems)                                                                               |
| Product description | 1A SYNCHRONOUS STEP-DOWN CONVERT                                                                             |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 68948 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of MP2148GQD-18-P

|                                  |                                                                     |
|----------------------------------|---------------------------------------------------------------------|
| PART NUMBER                      | MP2148GQD-18-P                                                      |
| MANUFACTURER                     | MPS (Monolithic Power Systems)                                      |
| DESCRIPTION                      | 1A SYNCHRONOUS STEP-DOWN CONVERT                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                          |
| QUANTITY AVAILABLE               | 68948 pcs                                                           |
| DATA SHEET                       |                                                                     |
| 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)                                                       |
| 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-P | MP2148GQD-18-P Distributor              | MP2148GQD-18-P Supplier                           |
| MP2148GQD-18-P Price                          | MP2148GQD-18-P Pictures                 | MP2148GQD-18-P Image                              |
| MP2148GQD-18-P PDF Datasheet                  | MP2148GQD-18-P Download Datasheet       | MP2148GQD-18-P Datasheet                          |
| MP2148GQD-18-P Stock                          | Buy MP2148GQD-18-P                      | Buy MPS (Monolithic Power Systems) MP2148GQD-18-P |
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| MPS (Monolithic Power Systems) MP2148GQD-18-P | Monolithic Power Systems MP2148GQD-18-P | Monolithic Power Systems Inc. MP2148GQD-18-P      |
| MPS (Monolithic Power Systems) MP2148GQD-18-P |                                         |                                                   |

Related Products

|                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MP2147GD-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 4A SYNC<br/>In stock: 29126 pcs<br/>RFQ</div>               |  <div><b>MP2148GQD-33-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: 1A SYNCHRONOUS STEP-DOWN CONVERT<br/>In stock: 133776 pcs<br/>RFQ</div> |
|  <div><b>MP2147GD-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 4A SYNC<br/>In stock: 17290 pcs<br/>RFQ</div>               |  <div><b>MP2148GQD-12-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK 1.2V 1A SYNC QFN<br/>In stock: 125753 pcs<br/>RFQ</div>     |
|  <div><b>MP2148GQD-33-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: 1A SYNCHRONOUS STEP-DOWN CONVERT<br/>In stock: 83102 pcs<br/>RFQ</div>  |  <div><b>MP2148GQD-25-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: 1A SYNCHRONOUS STEP-DOWN CONVERT<br/>In stock: 128839 pcs<br/>RFQ</div> |
|  <div><b>MP2148GQD-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 1A SYNC QFN<br/>In stock: 66616 pcs<br/>RFQ</div>          |  <div><b>MP2148GQD-15-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: 1A SYNCHRONOUS STEP-DOWN CONVERT<br/>In stock: 82111 pcs<br/>RFQ</div>  |
|  <div><b>MP2148GQD-12-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK 1.2V 1A SYNC QFN<br/>In stock: 45972 pcs<br/>RFQ</div>      |  <div><b>MP2148GQD-25-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: 1A SYNCHRONOUS STEP-DOWN CONVERT<br/>In stock: 66537 pcs<br/>RFQ</div>  |
|  <div><b>MP2148GQD-18-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: 1A SYNCHRONOUS STEP-DOWN CONVERT<br/>In stock: 117039 pcs<br/>RFQ</div> |  <div><b>MP2148GQD-15-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: 1A SYNCHRONOUS STEP-DOWN CONVERT<br/>In stock: 143930 pcs<br/>RFQ</div> |