



MPS (Monolithic Power Systems)

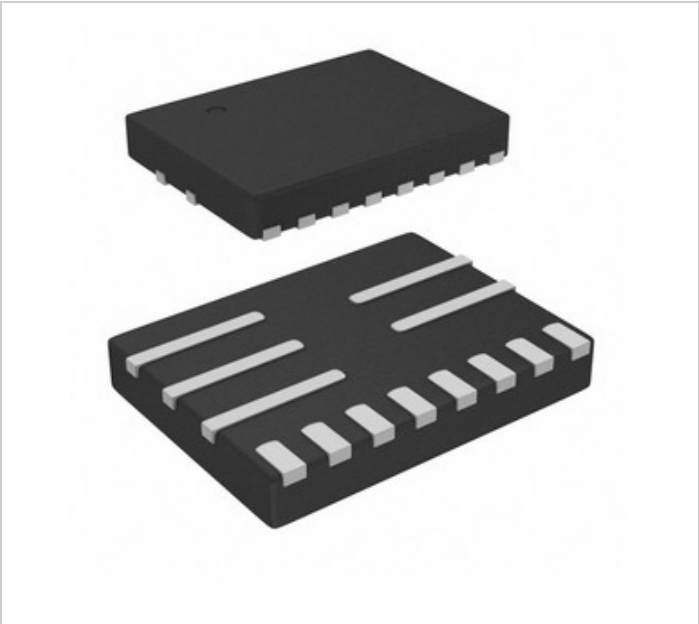


Image may be representation. See specifications for product details.

MP2312GQ-P

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MP2312GQ-P                                                                                                   |
| Manufacturer/Brand: | MPS (Monolithic Power Systems)                                                                               |
| Product description | IC REG BUCK ADJ 2.1A SYNC                                                                                    |
| Datasheets:         |                                                                                                              |
| RoHS Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 64042 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

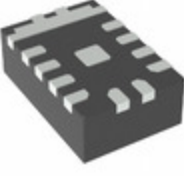
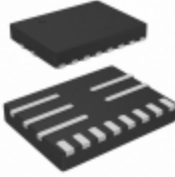
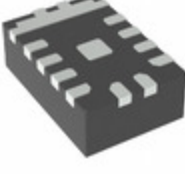
Specifications of MP2312GQ-P

|                                  |                                                                                           |
|----------------------------------|-------------------------------------------------------------------------------------------|
| PART NUMBER                      | MP2312GQ-P                                                                                |
| MANUFACTURER                     | MPS (Monolithic Power Systems)                                                            |
| DESCRIPTION                      | IC REG BUCK ADJ 2.1A SYNC                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                |
| QUANTITY AVAILABLE               | 64042 pcs                                                                                 |
| DATA SHEET                       |                                                                                           |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 0.604V                                                                                    |
| VOLTAGE - OUTPUT (MAX)           | 5.5V                                                                                      |
| VOLTAGE - INPUT (MIN)            | 5V                                                                                        |
| VOLTAGE - INPUT (MAX)            | 24V                                                                                       |
| TOPOLOGY                         | Buck                                                                                      |
| SYNCHRONOUS RECTIFIER            | Yes                                                                                       |
| SUPPLIER DEVICE PACKAGE          | 16-QFN (3x3)                                                                              |
| SERIES                           | -                                                                                         |
| PACKAGING                        | Tape & Reel (TR)                                                                          |
| PACKAGE / CASE                   | 14-VFQFN Exposed Pad                                                                      |
| OUTPUT TYPE                      | Adjustable                                                                                |
| 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            | 500kHz                                                                                    |
| DETAILED DESCRIPTION             | Buck Switching Regulator IC Positive Adjustable 0.604V 1 Output 2.1A 14-VFQFN Exposed Pad |
| CURRENT - OUTPUT                 | 2.1A                                                                                      |

Related Tags

|                                           |                                         |                                               |
|-------------------------------------------|-----------------------------------------|-----------------------------------------------|
| MPS (Monolithic Power Systems) MP2312GQ-P | MP2312GQ-P Distributor                  | MP2312GQ-P Supplier                           |
| MP2312GQ-P Price                          | MP2312GQ-P Pictures                     | MP2312GQ-P Image                              |
| MP2312GQ-P PDF Datasheet                  | MP2312GQ-P Download Datasheet           | MP2312GQ-P Datasheet                          |
| MP2312GQ-P Stock                          | Buy MP2312GQ-P                          | Buy MPS (Monolithic Power Systems) MP2312GQ-P |
| MPS (Monolithic Power Systems) MP2312GQ-P | MPS (Monolithic Power Systems) Supplier | MPS (Monolithic Power Systems) Distributor    |
| MPS (Monolithic Power Systems) MP2312GQ-P | Monolithic Power Systems MP2312GQ-P     | Monolithic Power Systems Inc. MP2312GQ-P      |
| MPS (Monolithic Power Systems) MP2312GQ-P |                                         |                                               |

Related Products

|                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MP2314GJ-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 2A SYNC<br/>In stock: 52767 pcs<br/><div>RFQ</div></div>    |  <div><b>MP2313GJ-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 1A SYNC<br/>In stock: 68119 pcs<br/><div>RFQ</div></div>    |
|  <div><b>MP2309DS-LF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 1A SYNC<br/>In stock: 72232 pcs<br/><div>RFQ</div></div> |  <div><b>MP2313GJ-ZX</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 1A SYNC<br/>In stock: 37759 pcs<br/><div>RFQ</div></div>   |
|  <div><b>MP2314GJ-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 2A SYNC<br/>In stock: 93993 pcs<br/><div>RFQ</div></div>    |  <div><b>MP2308GD-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 4A SYNC<br/>In stock: 47846 pcs<br/><div>RFQ</div></div>    |
|  <div><b>MP2312GQ-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 2.1A SYNC<br/>In stock: 101457 pcs<br/><div>RFQ</div></div> |  <div><b>MP2313GJ-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 1A SYNC<br/>In stock: 95895 pcs<br/><div>RFQ</div></div>    |
|  <div><b>MP2309DS-LF</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 1A SYNC<br/>In stock: 48339 pcs<br/><div>RFQ</div></div>   |  <div><b>MP2307DN-LF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 3A SYNC<br/>In stock: 51461 pcs<br/><div>RFQ</div></div> |
|  <div><b>MP2308GD-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 4A SYNC<br/>In stock: 32716 pcs<br/><div>RFQ</div></div>    |  <div><b>MP230FC</b><br/>Manufacturers: Apex Microtechnology<br/>Description: IC OPAMP POWER 2MHZ 42DIP<br/>In stock: 6700 pcs<br/><div>RFQ</div></div>                |