



MPS (Monolithic Power Systems)



MP8848GD-Z

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MP8848GD-Z                                                                                                   |
| Manufacturer/Brand: | MPS (Monolithic Power Systems)                                                                               |
| Product description | 6A, 2.7V-6V, HIGH-EFFICIENCY, SY                                                                             |
| Datasheets:         |                                                                                                              |
| 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.

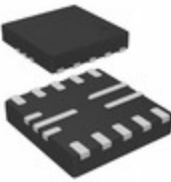
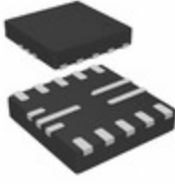
Specifications of MP8848GD-Z

|                                  |                                                                                 |
|----------------------------------|---------------------------------------------------------------------------------|
| PART NUMBER                      | MP8848GD-Z                                                                      |
| MANUFACTURER                     | MPS (Monolithic Power Systems)                                                  |
| DESCRIPTION                      | 6A, 2.7V-6V, HIGH-EFFICIENCY, SY                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                      |
| DATA SHEET                       |                                                                                 |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 0.6V                                                                            |
| VOLTAGE - OUTPUT (MAX)           | 1.23V                                                                           |
| VOLTAGE - INPUT (MIN)            | 2.7V                                                                            |
| VOLTAGE - INPUT (MAX)            | 6V                                                                              |
| TOPOLOGY                         | Buck                                                                            |
| SYNCHRONOUS RECTIFIER            | Yes                                                                             |
| SERIES                           | -                                                                               |
| PACKAGING                        | Tape & Reel (TR)                                                                |
| OUTPUT TYPE                      | Adjustable (Programmable)                                                       |
| OUTPUT CONFIGURATION             | Positive                                                                        |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TJ)                                                              |
| NUMBER OF OUTPUTS                | 1                                                                               |
| 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            | 1.25MHz                                                                         |
| DETAILED DESCRIPTION             | Buck Switching Regulator IC Positive Adjustable (Programmable) 0.6V 1 Output 6A |
| CURRENT - OUTPUT                 | 6A                                                                              |

Related Tags

|                                           |                                         |                                               |
|-------------------------------------------|-----------------------------------------|-----------------------------------------------|
| MPS (Monolithic Power Systems) MP8848GD-Z | MP8848GD-Z Distributor                  | MP8848GD-Z Supplier                           |
| MP8848GD-Z Price                          | MP8848GD-Z Pictures                     | MP8848GD-Z Image                              |
| MP8848GD-Z PDF Datasheet                  | MP8848GD-Z Download Datasheet           | MP8848GD-Z Datasheet                          |
| MP8848GD-Z Stock                          | Buy MP8848GD-Z                          | Buy MPS (Monolithic Power Systems) MP8848GD-Z |
| MPS (Monolithic Power Systems) MP8848GD-Z | MPS (Monolithic Power Systems) Supplier | MPS (Monolithic Power Systems) Distributor    |
| MPS (Monolithic Power Systems) MP8848GD-Z | Monolithic Power Systems MP8848GD-Z     | Monolithic Power Systems Inc. MP8848GD-Z      |
| MPS (Monolithic Power Systems) MP8848GD-Z |                                         |                                               |

Related Products

|                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MP8865GQ-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK PROG 6A SYNC<br/>In stock: Out stock<br/>RFQ</div>         |  <div><b>MP8846GQ-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: HIGH-EFFICIENCY,6A,8V,SYNCHRONOU<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>MP8848GD-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: 6A, 2.7V-6V, HIGH-EFFICIENCY, SY<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>MP8847GD-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: 6A, 2.7V-6V, HIGH-EFFICIENCY, SY<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>MP8865GQ-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK PROG 6A SYNC<br/>In stock: Out stock<br/>RFQ</div>         |  <div><b>MP8864GQ-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: HIGH-EFFICIENCY,4A,21V,SYNCHRONO<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>MP8846GQ-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: HIGH-EFFICIENCY,6A,8V,SYNCHRONOU<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>MP8864GQ-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: HIGH-EFFICIENCY,4A,21V,SYNCHRONO<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>MP8861GL-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: 18V, 6A, SYNCHRONOUS STEP-DOWN C<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>MP8847GD-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: 6A, 2.7V-6V, HIGH-EFFICIENCY, SY<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>MP8845GC-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: 5A HIGH EFFICIENT SYNCHRONOUS ST<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>MP8861GL-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: 18V, 6A, SYNCHRONOUS STEP-DOWN C<br/>In stock: Out stock<br/>RFQ</div> |