



MPS (Monolithic Power Systems)



MP2918GF

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MP2918GF                                                                                                     |
| Manufacturer/Brand: | MPS (Monolithic Power Systems)                                                                               |
| Product description | 4V-40V INPUT, CURRENT MODE SYNCH                                                                             |
| Datasheets:         |  MP2918GF.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.

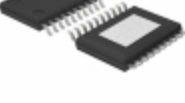
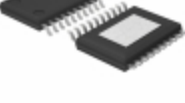
Specifications of MP2918GF

|                                  |                                                                                                  |
|----------------------------------|--------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MP2918GF                                                                                         |
| MANUFACTURER                     | MPS (Monolithic Power Systems)                                                                   |
| DESCRIPTION                      | 4V-40V INPUT, CURRENT MODE SYNCH                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                       |
| DATA SHEET                       |  MP2918GF.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 4 V ~ 40 V                                                                                       |
| TOPOLOGY                         | Buck                                                                                             |
| SYNCHRONOUS RECTIFIER            | Yes                                                                                              |
| SERIES                           | -                                                                                                |
| SERIAL INTERFACES                | -                                                                                                |
| OUTPUT TYPE                      | PWM Signal                                                                                       |
| OUTPUT PHASES                    | 1                                                                                                |
| OUTPUT CONFIGURATION             | Positive                                                                                         |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TJ)                                                                               |
| NUMBER OF OUTPUTS                | 1                                                                                                |
| MOISTURE SENSITIVITY LEVEL (MSL) | 2A (4 Weeks)                                                                                     |
| MANUFACTURER STANDARD LEAD TIME  | 18 Weeks                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                       |
| FUNCTION                         | Step-Down                                                                                        |
| FREQUENCY - SWITCHING            | 100kHz ~ 1MHz                                                                                    |
| DUTY CYCLE (MAX)                 | 99.5%                                                                                            |
| DETAILED DESCRIPTION             | Buck Regulator Positive Output Step-Down DC-DC Controller IC                                     |
| CONTROL FEATURES                 | Enable, Frequency Control, Power Good, Soft Start                                                |
| CLOCK SYNC                       | Yes                                                                                              |

Related Tags

|                                         |                                         |                                             |
|-----------------------------------------|-----------------------------------------|---------------------------------------------|
| MPS (Monolithic Power Systems) MP2918GF | MP2918GF Distributor                    | MP2918GF Supplier                           |
| MP2918GF Price                          | MP2918GF Pictures                       | MP2918GF Image                              |
| MP2918GF PDF Datasheet                  | MP2918GF Download Datasheet             | MP2918GF Datasheet                          |
| MP2918GF Stock                          | Buy MP2918GF                            | Buy MPS (Monolithic Power Systems) MP2918GF |
| MPS (Monolithic Power Systems) MP2918GF | MPS (Monolithic Power Systems) Supplier | MPS (Monolithic Power Systems) Distributor  |
| MPS (Monolithic Power Systems) MP2918GF | Monolithic Power Systems MP2918GF       | Monolithic Power Systems Inc. MP2918GF      |
| MPS (Monolithic Power Systems) MP2918GF |                                         |                                             |

Related Products

|                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                              |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MP2932GQK-LF-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC PWM CONTROLLER PMBUS<br/>In stock: Out stock</div> <div>RFQ</div>      |  <div><b>MP2908AGL-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: 4V-60V INPUT, CURRENT MODE SYNCH<br/>In stock: Out stock</div> <div>RFQ</div> |
|  <div><b>MP2918GL-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: 4V-40V INPUT, CURRENT MODE SYNCH<br/>In stock: Out stock</div> <div>RFQ</div> |  <div><b>MP2930GQK-LF-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC PWM CONTROLLER PMBUS<br/>In stock: Out stock</div> <div>RFQ</div>       |
|  <div><b>MP2918GL-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: 4V-40V INPUT, CURRENT MODE SYNCH<br/>In stock: Out stock</div> <div>RFQ</div> |  <div><b>MP2908AGL-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: 4V-60V INPUT, CURRENT MODE SYNCH<br/>In stock: Out stock</div> <div>RFQ</div> |
|  <div><b>MP2905EK-LF-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ SYNC<br/>In stock: Out stock</div> <div>RFQ</div>          |  <div><b>MP2905EK-LF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ SYNC<br/>In stock: Out stock</div> <div>RFQ</div>           |
|  <div><b>MP2930GQK-LF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC PWM CONTROLLER PMBUS<br/>In stock: Out stock</div> <div>RFQ</div>      |  <div><b>MP2918GF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: 4V-40V INPUT, CURRENT MODE SYNCH<br/>In stock: Out stock</div> <div>RFQ</div>  |
|  <div><b>MP2908AGF</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: 4V-60V INPUT, CURRENT MODE SYNCH<br/>In stock: 75 pcs</div> <div>RFQ</div>     |  <div><b>MP2908AGF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: 4V-60V INPUT, CURRENT MODE SYNCH<br/>In stock: Out stock</div> <div>RFQ</div> |