



MPS (Monolithic Power Systems)

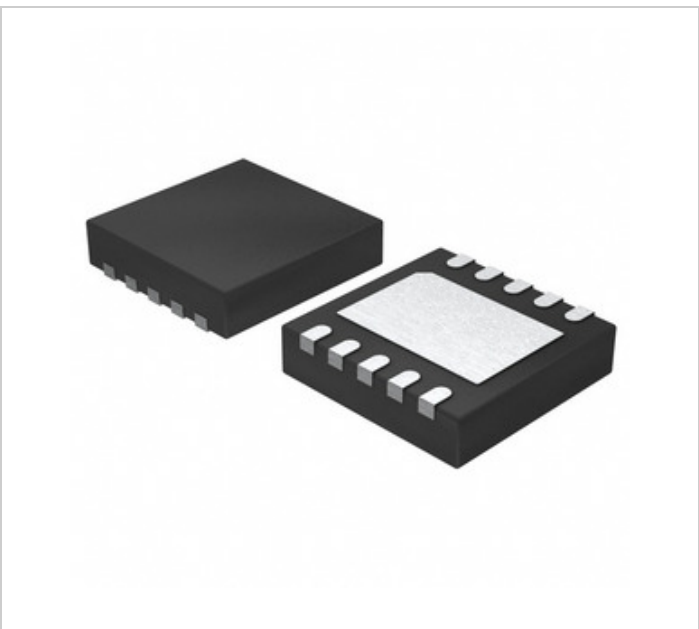


Image may be representation. See specifications for product details.

MP1907GQ-Z

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MP1907GQ-Z                                                                                                   |
| Manufacturer/Brand: | MPS (Monolithic Power Systems)                                                                               |
| Product description | IC GATE DRIVER                                                                                               |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 110382 pcs stock                                                                                             |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of MP1907GQ-Z

|                                      |                                                       |
|--------------------------------------|-------------------------------------------------------|
| PART NUMBER                          | MP1907GQ-Z                                            |
| MANUFACTURER                         | MPS (Monolithic Power Systems)                        |
| DESCRIPTION                          | IC GATE DRIVER                                        |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                            |
| QUANTITY AVAILABLE                   | 110382 pcs                                            |
| DATA SHEET                           |                                                       |
| VOLTAGE - SUPPLY                     | 4.5 V ~ 18 V                                          |
| SUPPLIER DEVICE PACKAGE              | 10-QFN (3x3)                                          |
| SERIES                               | -                                                     |
| RISE / FALL TIME (TYP)               | 12ns, 9ns                                             |
| PACKAGING                            | Tape & Reel (TR)                                      |
| PACKAGE / CASE                       | 10-VFDFN Exposed Pad                                  |
| OTHER NAMES                          | 1589-1544-2<br>MP1907GQ-Z-ND                          |
| OPERATING TEMPERATURE                | -40°C ~ 125°C (TJ)                                    |
| NUMBER OF DRIVERS                    | 2                                                     |
| MOUNTING TYPE                        | Surface Mount                                         |
| MOISTURE SENSITIVITY LEVEL (MSL)     | 1 (Unlimited)                                         |
| LOGIC VOLTAGE - VIL, VIH             | 1V, 2.4V                                              |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                            |
| INPUT TYPE                           | Non-Inverting                                         |
| HIGH SIDE VOLTAGE - MAX (BOOTSTRAP)  | 100V                                                  |
| GATE TYPE                            | N-Channel MOSFET                                      |
| DRIVEN CONFIGURATION                 | Half-Bridge                                           |
| DETAILED DESCRIPTION                 | Half-Bridge Gate Driver IC Non-Inverting 10-QFN (3x3) |
| CURRENT - PEAK OUTPUT (SOURCE, SINK) | 2.5A, 2.5A                                            |
| CHANNEL TYPE                         | Independent                                           |

Related Tags

|                                           |                                         |                                               |
|-------------------------------------------|-----------------------------------------|-----------------------------------------------|
| MPS (Monolithic Power Systems) MP1907GQ-Z | MP1907GQ-Z Distributor                  | MP1907GQ-Z Supplier                           |
| MP1907GQ-Z Price                          | MP1907GQ-Z Pictures                     | MP1907GQ-Z Image                              |
| MP1907GQ-Z PDF Datasheet                  | MP1907GQ-Z Download Datasheet           | MP1907GQ-Z Datasheet                          |
| MP1907GQ-Z Stock                          | Buy MP1907GQ-Z                          | Buy MPS (Monolithic Power Systems) MP1907GQ-Z |
| MPS (Monolithic Power Systems) MP1907GQ-Z | MPS (Monolithic Power Systems) Supplier | MPS (Monolithic Power Systems) Distributor    |
| MPS (Monolithic Power Systems) MP1907GQ-Z | Monolithic Power Systems MP1907GQ-Z     | Monolithic Power Systems Inc. MP1907GQ-Z      |
| MPS (Monolithic Power Systems) MP1907GQ-Z |                                         |                                               |

Related Products

|                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                              |
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| <div></div> <div><b>MP1921HQE-A-LF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: 100V, 2.5A, HIGH FREQUENCY, HALF<br/>In stock: 111715 pcs</div> <div>RFQ</div> | <div></div> <div><b>MP1921HN-A-LF</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: 100V, 2.5A, HIGH FREQUENCY, HALF<br/>In stock: 72422 pcs</div> <div>RFQ</div>    |
| <div></div> <div><b>MP1906DS-LF</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC GATE DRIVER<br/>In stock: 118455 pcs</div> <div>RFQ</div>                        | <div></div> <div><b>MP1921HQE-A-LF-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: 100V, 2.5A, HIGH FREQUENCY, HALF<br/>In stock: 74809 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>MP1921HQ-A-LF-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: 100V, 2.5A, HIGH FREQUENCY, HALF<br/>In stock: 67512 pcs</div> <div>RFQ</div>   | <div></div> <div><b>MP1906DS-LF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC GATE DRIVER<br/>In stock: 235921 pcs</div> <div>RFQ</div>                     |
| <div></div> <div><b>MP1907GQ-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC GATE DRIVER<br/>In stock: 72911 pcs</div> <div>RFQ</div>                          | <div></div> <div><b>MP1921HN-A-LF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: 100V, 2.5A, HIGH FREQUENCY, HALF<br/>In stock: 102917 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>MP18K31</b><br/>Manufacturers: Vishay Precision Group<br/>Description: MP18K31 0.05% BULK<br/>In stock: 9213 pcs</div> <div>RFQ</div>                                  | <div></div> <div><b>MP1907AGQ-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC GATE DRIVER<br/>In stock: 64122 pcs</div> <div>RFQ</div>                        |
| <div></div> <div><b>MP1907AGQ-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC GATE DRIVER<br/>In stock: 113144 pcs</div> <div>RFQ</div>                        | <div></div> <div><b>MP1921HQ-A-LF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: 100V, 2.5A, HIGH FREQUENCY, HALF<br/>In stock: 103264 pcs</div> <div>RFQ</div> |