



MPS (Monolithic Power Systems)

## MP6507GF

|                      |                                |
|----------------------|--------------------------------|
| Part Number:         | MP6507GF                       |
| Manufacturer/Brand:  | MPS (Monolithic Power Systems) |
| Product description: | IC MOTOR DRIVER                |
| Datasheets:          |                                |
| RoHS Status:         | Lead free / RoHS Compliant     |
| Stock Condition:     | 52598 pcs stock                |
| 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 MP6507GF

|                                  |  |
|----------------------------------|--|
| PART NUMBER                      | MP6507GF   |
| MANUFACTURER                     | MPS (Monolithic Power Systems)                         |
| DESCRIPTION                      | IC MOTOR DRIVER  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                             |
| QUANTITY AVAILABLE               | 52598 pcs  |
| DATA SHEET                       |  |
| VOLTAGE - SUPPLY                 | 2.7 V ~ 15 V   |
| VOLTAGE - LOAD                   | -  |
| TECHNOLOGY                       | Power MOSFET   |
| SUPPLIER DEVICE PACKAGE          | 16-TSSOP-EP  |
| STEP RESOLUTION                  | 1, 1/2   |
| SERIES                           | -  |
| PACKAGING                        | Tube   |
| PACKAGE / CASE                   | 16-TSSOP (0.173", 4.40mm Width) Exposed Pad            |
| OUTPUT CONFIGURATION             | Half Bridge (4)  |
| OTHER NAMES                      | 1589-1417  |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TJ)                                     |
| MOUNTING TYPE                    | Surface Mount  |
| MOTOR TYPE - STEPPER             | Bipolar  |
| MOTOR TYPE - AC, DC              | Brushed DC   |
| MOISTURE SENSITIVITY LEVEL (MSL) | 2A (4 Weeks)   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                             |
| INTERFACE                        | Parallel   |
| FUNCTION                         | Driver - Fully Integrated, Control and Power Stage     |
| DETAILED DESCRIPTION             | Bipolar Motor Driver Power MOSFET Parallel 16-TSSOP-EP |
| CURRENT - OUTPUT                 | 700mA  |
| APPLICATIONS                     | Battery Powered  |

### Related Tags

|   |   |   |
|---|---|---|
| MPS (Monolithic Power Systems) MP6507GF | MP6507GF Distributor                    | MP6507GF Supplier                           |
| MP6507GF Price                          | MP6507GF Pictures                       | MP6507GF Image                              |
| MP6507GF PDF Datasheet                  | MP6507GF Download Datasheet             | MP6507GF Datasheet                          |
| MP6507GF Stock                          | Buy MP6507GF                            | Buy MPS (Monolithic Power Systems) MP6507GF |
| MPS (Monolithic Power Systems) MP6507GF | MPS (Monolithic Power Systems) Supplier | MPS (Monolithic Power Systems) Distributor  |
| MPS (Monolithic Power Systems) MP6507GF | Monolithic Power Systems MP6507GF       | Monolithic Power Systems Inc. MP6507GF      |
| MPS (Monolithic Power Systems) MP6507GF |   |   |

### Related Products

|  |  |
|--|--|
| <p><b>MP6505DM-LF</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC MOTOR DRIVER<br/>In stock: 54749 pcs</p> <p><a href="#">RFQ</a></p>    | <p><b>MP6506GQ-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC MOTOR DRIVER<br/>In stock: 151636 pcs</p> <p><a href="#">RFQ</a></p>    |
| <p><b>MP6507GR-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC MOTOR DRIVER<br/>In stock: 141427 pcs</p> <p><a href="#">RFQ</a></p>    | <p><b>MP6506GQ-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC MOTOR DRIVER<br/>In stock: 100076 pcs</p> <p><a href="#">RFQ</a></p>    |
| <p><b>MP6507GQ-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC MOTOR DRIVER<br/>In stock: 89109 pcs</p> <p><a href="#">RFQ</a></p>     | <p><b>MP6505DQ-LF-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC MOTOR DRIVER<br/>In stock: 109040 pcs</p> <p><a href="#">RFQ</a></p> |
| <p><b>MP6505DM-LF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC MOTOR DRIVER<br/>In stock: 130238 pcs</p> <p><a href="#">RFQ</a></p> | <p><b>MP6507GQ-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC MOTOR DRIVER<br/>In stock: 163308 pcs</p> <p><a href="#">RFQ</a></p>    |
| <p><b>MP6507GR-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC MOTOR DRIVER<br/>In stock: 77897 pcs</p> <p><a href="#">RFQ</a></p>     | <p><b>MP6505DQ-LF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC MOTOR DRIVER<br/>In stock: 192420 pcs</p> <p><a href="#">RFQ</a></p> |
| <p><b>MP6508GF</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC MOTOR DRIVER<br/>In stock: 43066 pcs</p> <p><a href="#">RFQ</a></p>       | <p><b>MP6507GF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC MOTOR DRIVER<br/>In stock: 120188 pcs</p> <p><a href="#">RFQ</a></p>    |