



MPS (Monolithic Power Systems)



Image may be representation. See specifications for product details.

MP172GJ-Z

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MP172GJ-Z                                                                                                    |
| Manufacturer/Brand: | MPS (Monolithic Power Systems)                                                                               |
| Product description | UNIVERSAL INPUT, NON-ISOLATED OF                                                                             |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 171018 pcs stock                                                                                             |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

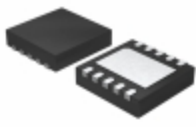
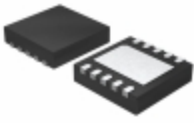
Specifications of MP172GJ-Z

|                                  |                                                                       |
|----------------------------------|-----------------------------------------------------------------------|
| PART NUMBER                      | MP172GJ-Z                                                             |
| MANUFACTURER                     | MPS (Monolithic Power Systems)                                        |
| DESCRIPTION                      | UNIVERSAL INPUT, NON-ISOLATED OF                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                            |
| QUANTITY AVAILABLE               | 171018 pcs                                                            |
| DATA SHEET                       |                                                                       |
| VOLTAGE - SUPPLY (VCC/VDD)       | 5.5 V ~ 5.7 V                                                         |
| VOLTAGE - BREAKDOWN              | 700V                                                                  |
| TOPOLOGY                         | Boost, Buck, Buck-Boost, Flyback                                      |
| SUPPLIER DEVICE PACKAGE          | TSOT-23-5                                                             |
| SERIES                           | -                                                                     |
| POWER (WATTS)                    | 3W                                                                    |
| PACKAGING                        | Tape & Reel (TR)                                                      |
| PACKAGE / CASE                   | SOT-23-5 Thin, TSOT-23-5                                              |
| OUTPUT ISOLATION                 | Non-Isolated                                                          |
| OTHER NAMES                      | 1589-1539-2<br>MP172GJ-Z-ND                                           |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TJ)                                                    |
| MOUNTING TYPE                    | Surface Mount                                                         |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                            |
| INTERNAL SWITCH(S)               | No                                                                    |
| FREQUENCY - SWITCHING            | -                                                                     |
| FAULT PROTECTION                 | Open Loop, Over Load, Over Temperature, Short Circuit                 |
| DUTY CYCLE                       | -                                                                     |
| DETAILED DESCRIPTION             | Converter Offline Boost, Buck, Buck-Boost, Flyback Topology TSOT-23-5 |
| CONTROL FEATURES                 | Soft Start                                                            |

Related Tags

|                                          |                                         |                                              |
|------------------------------------------|-----------------------------------------|----------------------------------------------|
| MPS (Monolithic Power Systems) MP172GJ-Z | MP172GJ-Z Distributor                   | MP172GJ-Z Supplier                           |
| MP172GJ-Z Price                          | MP172GJ-Z Pictures                      | MP172GJ-Z Image                              |
| MP172GJ-Z PDF Datasheet                  | MP172GJ-Z Download Datasheet            | MP172GJ-Z Datasheet                          |
| MP172GJ-Z Stock                          | Buy MP172GJ-Z                           | Buy MPS (Monolithic Power Systems) MP172GJ-Z |
| MPS (Monolithic Power Systems) MP172GJ-Z | MPS (Monolithic Power Systems) Supplier | MPS (Monolithic Power Systems) Distributor   |
| MPS (Monolithic Power Systems) MP172GJ-Z | Monolithic Power Systems MP172GJ-Z      | Monolithic Power Systems Inc. MP172GJ-Z      |
| MPS (Monolithic Power Systems) MP172GJ-Z |                                         |                                              |

Related Products

|                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                             |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MP1720DQ-3-LF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC AUDIO AMP CLASS D 10QFN<br/>In stock: 93977 pcs</div> <div>RFQ</div>  |  <div><b>MP172GJ-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: UNIVERSAL INPUT, NON-ISOLATED OF<br/>In stock: 108946 pcs</div> <div>RFQ</div> |
|  <div><b>MP1720DQ-9-LF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC AUDIO AMP CLASS D 10QFN<br/>In stock: 223724 pcs</div> <div>RFQ</div> |  <div><b>MP173GJ-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: UNIVERSAL INPUT, NON-ISOLATED OF<br/>In stock: 95864 pcs</div> <div>RFQ</div>  |
|  <div><b>MP173GS</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: UNIVERSAL INPUT, NON-ISOLATED OF<br/>In stock: 95265 pcs</div> <div>RFQ</div>    |  <div><b>MP1720DQ-6-LF-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC AUDIO AMP CLASS D 10QFN<br/>In stock: 105751 pcs</div> <div>RFQ</div> |
|  <div><b>MP172GS-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: UNIVERSAL INPUT, NON-ISOLATED OF<br/>In stock: 161661 pcs</div> <div>RFQ</div> |  <div><b>MP1720DQ-6-LF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC AUDIO AMP CLASS D 10QFN<br/>In stock: 250249 pcs</div> <div>RFQ</div> |
|  <div><b>MP173GS-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: UNIVERSAL INPUT, NON-ISOLATED OF<br/>In stock: 167265 pcs</div> <div>RFQ</div> |  <div><b>MP1720DQ-9-LF-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC AUDIO AMP CLASS D 10QFN<br/>In stock: 94325 pcs</div> <div>RFQ</div>  |
|  <div><b>MP172GS</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: UNIVERSAL INPUT, NON-ISOLATED OF<br/>In stock: 72435 pcs</div> <div>RFQ</div>    |  <div><b>MP173GJ-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: UNIVERSAL INPUT, NON-ISOLATED OF<br/>In stock: 165315 pcs</div> <div>RFQ</div> |