



MPS (Monolithic Power Systems)

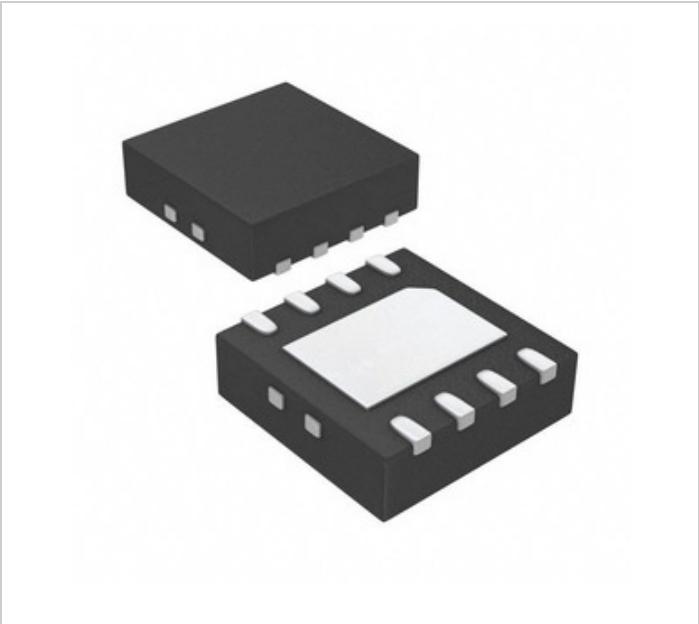


Image may be representation. See specifications for product details.

MP20042DG-MG-LF-Z

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MP20042DG-MG-LF-Z                                                                                            |
| Manufacturer/Brand: | MPS (Monolithic Power Systems)                                                                               |
| Product description | IC REG LINEAR 1.8V/2.8V 8QFN                                                                                 |
| Datasheets:         |  MP20042DG-MG-LF-Z.pdf      |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

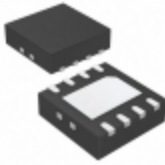
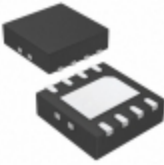
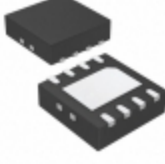
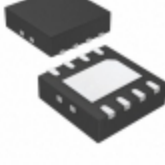
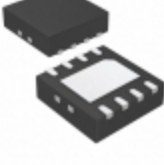
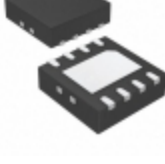
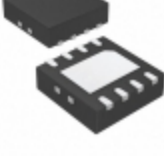
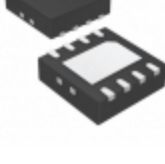
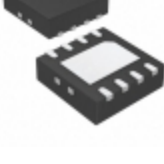
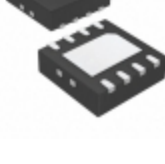
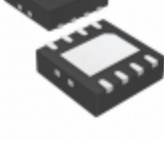
Specifications of MP20042DG-MG-LF-Z

|                                  |                                                                                                           |
|----------------------------------|-----------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MP20042DG-MG-LF-Z                                                                                         |
| MANUFACTURER                     | MPS (Monolithic Power Systems)                                                                            |
| DESCRIPTION                      | IC REG LINEAR 1.8V/2.8V 8QFN                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                |
| DATA SHEET                       |  MP20042DG-MG-LF-Z.pdf |
| VOLTAGE DROPOUT (MAX)            | 0.25V @ 200mA (Typ), 0.25V @ 200mA (Typ)                                                                  |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 1.8V, 2.8V                                                                                                |
| VOLTAGE - OUTPUT (MAX)           | -                                                                                                         |
| VOLTAGE - INPUT (MAX)            | 6V                                                                                                        |
| SUPPLIER DEVICE PACKAGE          | 8-QFN (2x2)                                                                                               |
| SERIES                           | -                                                                                                         |
| PROTECTION FEATURES              | Over Current, Over Temperature                                                                            |
| PACKAGING                        | Tape & Reel (TR)                                                                                          |
| PACKAGE / CASE                   | 8-TFDFN Exposed Pad                                                                                       |
| PSRR                             | 72dB ~ 47dB (100Hz ~ 100kHz)                                                                              |
| OUTPUT TYPE                      | Fixed                                                                                                     |
| OUTPUT CONFIGURATION             | Positive                                                                                                  |
| OPERATING TEMPERATURE            | -40°C ~ 125°C                                                                                             |
| NUMBER OF REGULATORS             | 2                                                                                                         |
| MOUNTING TYPE                    | Surface Mount                                                                                             |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                             |
| MANUFACTURER STANDARD LEAD TIME  | 12 Weeks                                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                |
| DETAILED DESCRIPTION             | Linear Voltage Regulator IC Positive Fixed 2 Output 1.8V, 2.8V 200mA, 200mA 8-QFN (2x2)                   |
| CURRENT - OUTPUT                 | 200mA, 200mA                                                                                              |
| CONTROL FEATURES                 | Enable                                                                                                    |

Related Tags

|                                                  |                                            |                                                      |
|--------------------------------------------------|--------------------------------------------|------------------------------------------------------|
| MPS (Monolithic Power Systems) MP20042DG-MG-LF-Z | MP20042DG-MG-LF-Z Distributor              | MP20042DG-MG-LF-Z Supplier                           |
| MP20042DG-MG-LF-Z Price                          | MP20042DG-MG-LF-Z Pictures                 | MP20042DG-MG-LF-Z Image                              |
| MP20042DG-MG-LF-Z PDF Datasheet                  | MP20042DG-MG-LF-Z Download Datasheet       | MP20042DG-MG-LF-Z Datasheet                          |
| MP20042DG-MG-LF-Z Stock                          | Buy MP20042DG-MG-LF-Z                      | Buy MPS (Monolithic Power Systems) MP20042DG-MG-LF-Z |
| MPS (Monolithic Power Systems) MP20042DG-MG-LF-Z | MPS (Monolithic Power Systems) Supplier    | MPS (Monolithic Power Systems) Distributor           |
| MPS (Monolithic Power Systems) MP20042DG-MG-LF-Z | Monolithic Power Systems MP20042DG-MG-LF-Z | Monolithic Power Systems Inc. MP20042DG-MG-LF-Z      |
| MPS (Monolithic Power Systems) MP20042DG-MG-LF-Z |                                            |                                                      |

Related Products

|                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MP20042DG-SJ-LF-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG LINEAR 2.5V/3.3V 8QFN<br/>In stock: Out stock<br/><b>RFQ</b></div>   |  <div><b>MP20042DG-DD-LF-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG LINEAR 1.85V/1.85V 8QFN<br/>In stock: Out stock<br/><b>RFQ</b></div> |
|  <div><b>MP20042DG-JG-LF-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG LINEAR 1.8V/2.5V 8QFN<br/>In stock: Out stock<br/><b>RFQ</b></div>   |  <div><b>MP20042DG-SJ-LF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG LINEAR 2.5V/3.3V 8QFN<br/>In stock: Out stock<br/><b>RFQ</b></div>   |
|  <div><b>MP20042DG-ZS-LF-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG LINEAR 3.3V/5V 8QFN<br/>In stock: Out stock<br/><b>RFQ</b></div>     |  <div><b>MP20042DG-JG-LF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG LINEAR 1.8V/2.5V 8QFN<br/>In stock: Out stock<br/><b>RFQ</b></div>   |
|  <div><b>MP20042DG-MG-LF-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG LINEAR 1.8V/2.8V 8QFN<br/>In stock: Out stock<br/><b>RFQ</b></div>   |  <div><b>MP20042DG-PN-LF-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG LINEAR 2.85V/3V 8QFN<br/>In stock: Out stock<br/><b>RFQ</b></div>    |
|  <div><b>MP20042DG-PN-LF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG LINEAR 2.85V/3V 8QFN<br/>In stock: Out stock<br/><b>RFQ</b></div>    |  <div><b>MP20042DG-DD-LF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG LINEAR 1.85V/1.85V 8QFN<br/>In stock: Out stock<br/><b>RFQ</b></div> |
|  <div><b>MP20041DGT-SS-LF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG LINEAR 3.3V/3.3V 8TQFN<br/>In stock: Out stock<br/><b>RFQ</b></div> |  <div><b>MP20042DG-ZS-LF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG LINEAR 3.3V/5V 8QFN<br/>In stock: Out stock<br/><b>RFQ</b></div>     |