



MPS (Monolithic Power Systems)



MP20051DQ-LF-Z

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MP20051DQ-LF-Z                                                                                               |
| Manufacturer/Brand: | MPS (Monolithic Power Systems)                                                                               |
| Product description | IC REG LINEAR POS ADJ 1A 8QFN                                                                                |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 61293 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

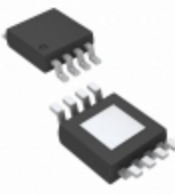
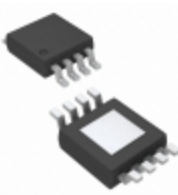
Specifications of MP20051DQ-LF-Z

|                                  |                                                                                     |
|----------------------------------|-------------------------------------------------------------------------------------|
| PART NUMBER                      | MP20051DQ-LF-Z                                                                      |
| MANUFACTURER                     | MPS (Monolithic Power Systems)                                                      |
| DESCRIPTION                      | IC REG LINEAR POS ADJ 1A 8QFN                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                          |
| QUANTITY AVAILABLE               | 61293 pcs                                                                           |
| DATA SHEET                       |                                                                                     |
| VOLTAGE DROPOUT (MAX)            | 0.28V @ 1A                                                                          |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 0.8V                                                                                |
| VOLTAGE - OUTPUT (MAX)           | 5V                                                                                  |
| VOLTAGE - INPUT (MAX)            | 5.5V                                                                                |
| SUPPLIER DEVICE PACKAGE          | 8-QFN (3x3)                                                                         |
| SERIES                           | -                                                                                   |
| PROTECTION FEATURES              | Over Current, Over Temperature, Under Voltage Lockout (UVLO)                        |
| PACKAGING                        | Cut Tape (CT)                                                                       |
| PACKAGE / CASE                   | 8-VDFN Exposed Pad                                                                  |
| PSRR                             | 65dB ~ 33dB (100Hz ~ 1MHz)                                                          |
| OUTPUT TYPE                      | Adjustable                                                                          |
| OUTPUT CONFIGURATION             | Positive                                                                            |
| OTHER NAMES                      | 1589-1548-1                                                                         |
| OPERATING TEMPERATURE            | -40°C ~ 125°C                                                                       |
| NUMBER OF REGULATORS             | 1                                                                                   |
| MOUNTING TYPE                    | Surface Mount                                                                       |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                          |
| DETAILED DESCRIPTION             | Linear Voltage Regulator IC Positive Adjustable 1 Output 0.8 V ~ 5 V 1A 8-QFN (3x3) |
| CURRENT - QUIESCENT (IQ)         | 600µA                                                                               |
| CURRENT - OUTPUT                 | 1A                                                                                  |
| CONTROL FEATURES                 | Enable                                                                              |

Related Tags

|                                               |                                         |                                                   |
|-----------------------------------------------|-----------------------------------------|---------------------------------------------------|
| MPS (Monolithic Power Systems) MP20051DQ-LF-Z | MP20051DQ-LF-Z Distributor              | MP20051DQ-LF-Z Supplier                           |
| MP20051DQ-LF-Z Price                          | MP20051DQ-LF-Z Pictures                 | MP20051DQ-LF-Z Image                              |
| MP20051DQ-LF-Z PDF Datasheet                  | MP20051DQ-LF-Z Download Datasheet       | MP20051DQ-LF-Z Datasheet                          |
| MP20051DQ-LF-Z Stock                          | Buy MP20051DQ-LF-Z                      | Buy MPS (Monolithic Power Systems) MP20051DQ-LF-Z |
| MPS (Monolithic Power Systems) MP20051DQ-LF-Z | MPS (Monolithic Power Systems) Supplier | MPS (Monolithic Power Systems) Distributor        |
| MPS (Monolithic Power Systems) MP20051DQ-LF-Z | Monolithic Power Systems MP20051DQ-LF-Z | Monolithic Power Systems Inc. MP20051DQ-LF-Z      |
| MPS (Monolithic Power Systems) MP20051DQ-LF-Z |                                         |                                                   |

Related Products

|                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                             |
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| <div></div> <div><b>MP20056GG-33-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG LINEAR 3.3V 250MA 8QFN<br/>In stock: 238775 pcs</div> <div>RFQ</div>      | <div></div> <div><b>MP2004DJ-ZS-LF-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG LINEAR 3.3V/5V TSOT23-6<br/>In stock: 106580 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>MP20056GJ-33-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG LIN 3.3V 250MA TSOT23-5<br/>In stock: 94372 pcs</div> <div>RFQ</div>      | <div></div> <div><b>MP20051DN-LF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG LINEAR POS ADJ 1A 8SOIC<br/>In stock: 152302 pcs</div> <div>RFQ</div>   |
| <div></div> <div><b>MP2004DJ-SJ-LF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG LINEAR 2.5V/3.3V TSOT23-6<br/>In stock: 161245 pcs</div> <div>RFQ</div> | <div></div> <div><b>MP20056GG-18-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG LINEAR 1.8V 250MA 8QFN<br/>In stock: 237972 pcs</div> <div>RFQ</div>    |
| <div></div> <div><b>MP20056GG-18-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG LINEAR 1.8V 250MA 8QFN<br/>In stock: 105652 pcs</div> <div>RFQ</div>      | <div></div> <div><b>MP20056GG-33-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG LINEAR 3.3V 250MA 8QFN<br/>In stock: 109134 pcs</div> <div>RFQ</div>    |
| <div></div> <div><b>MP20051DN-LF</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG LINEAR POS ADJ 1A 8SOIC<br/>In stock: 67904 pcs</div> <div>RFQ</div>        | <div></div> <div><b>MP20056GJ-33-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG LIN 3.3V 250MA TSOT23-5<br/>In stock: 194950 pcs</div> <div>RFQ</div>   |
| <div></div> <div><b>MP2004DJ-ZS-LF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG LINEAR 3.3V/5V TSOT23-6<br/>In stock: 164111 pcs</div> <div>RFQ</div>   | <div></div> <div><b>MP20051DQ-LF-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG LINEAR POS ADJ 1A 8QFN<br/>In stock: 85215 pcs</div> <div>RFQ</div>     |