



MPS (Monolithic Power Systems)



Monolithic Power Sys

MP20045DQ-15-LF-P

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MP20045DQ-15-LF-P                                                                                            |
| Manufacturer/Brand: | MPS (Monolithic Power Systems)                                                                               |
| Product description | IC REG LINEAR 1.5V 1A 8QFN                                                                                   |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 111302 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 MP20045DQ-15-LF-P

|                                  |                                                                         |
|----------------------------------|-------------------------------------------------------------------------|
| PART NUMBER                      | MP20045DQ-15-LF-P                                                       |
| MANUFACTURER                     | MPS (Monolithic Power Systems)                                          |
| DESCRIPTION                      | IC REG LINEAR 1.5V 1A 8QFN                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                              |
| QUANTITY AVAILABLE               | 111302 pcs                                                              |
| DATA SHEET                       |                                                                         |
| VOLTAGE DROPOUT (MAX)            | 0.28V @ 1A                                                              |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 1.5V                                                                    |
| VOLTAGE - OUTPUT (MAX)           | -                                                                       |
| VOLTAGE - INPUT (MAX)            | 5.5V                                                                    |
| SUPPLIER DEVICE PACKAGE          | 8-QFN (3x3)                                                             |
| SERIES                           | -                                                                       |
| PROTECTION FEATURES              | Over Current, Over Temperature                                          |
| PACKAGING                        | Tape & Reel (TR)                                                        |
| PACKAGE / CASE                   | 8-VDFN Exposed Pad                                                      |
| PSRR                             | 56dB (1kHz)                                                             |
| OUTPUT TYPE                      | Fixed                                                                   |
| OUTPUT CONFIGURATION             | Positive                                                                |
| OTHER NAMES                      | 1589-1050-2                                                             |
| 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 Fixed 1 Output 1.5V 1A 8-QFN (3x3) |
| CURRENT - QUIESCENT (IQ)         | 110µA                                                                   |
| CURRENT - OUTPUT                 | 1A                                                                      |
| CONTROL FEATURES                 | Enable, Power Good                                                      |

Related Tags

|                                                  |                                            |                                                      |
|--------------------------------------------------|--------------------------------------------|------------------------------------------------------|
| MPS (Monolithic Power Systems) MP20045DQ-15-LF-P | MP20045DQ-15-LF-P Distributor              | MP20045DQ-15-LF-P Supplier                           |
| MP20045DQ-15-LF-P Price                          | MP20045DQ-15-LF-P Pictures                 | MP20045DQ-15-LF-P Image                              |
| MP20045DQ-15-LF-P PDF Datasheet                  | MP20045DQ-15-LF-P Download Datasheet       | MP20045DQ-15-LF-P Datasheet                          |
| MP20045DQ-15-LF-P Stock                          | Buy MP20045DQ-15-LF-P                      | Buy MPS (Monolithic Power Systems) MP20045DQ-15-LF-P |
| MPS (Monolithic Power Systems) MP20045DQ-15-LF-P | MPS (Monolithic Power Systems) Supplier    | MPS (Monolithic Power Systems) Distributor           |
| MPS (Monolithic Power Systems) MP20045DQ-15-LF-P | Monolithic Power Systems MP20045DQ-15-LF-P | Monolithic Power Systems Inc. MP20045DQ-15-LF-P      |
| MPS (Monolithic Power Systems) MP20045DQ-15-LF-P |                                            |                                                      |

Related Products

|                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                    |
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| <div></div> <div><b>MP20045DN-LF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG LINEAR POS ADJ 1A 8SOIC<br/>In stock: 222394 pcs<br/>RFQ</div> | <div></div> <div><b>MP20045DQ-18-LF-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG LINEAR 1.8V 1A 8QFN<br/>In stock: 51753 pcs<br/>RFQ</div>   |
| <div></div> <div><b>MP20045DN-LF</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG LINEAR POS ADJ 1A 8SOIC<br/>In stock: 88230 pcs<br/>RFQ</div>    | <div></div> <div><b>MP20045DQ-15-LF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG LINEAR 1.5V 1A 8QFN<br/>In stock: 209988 pcs<br/>RFQ</div>  |
| <div></div> <div><b>MP20045DN-25-LF</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG LINEAR 2.5V 1A 8SOIC<br/>In stock: 117839 pcs<br/>RFQ</div>   | <div></div> <div><b>MP20045DQ-18-LF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG LINEAR 1.8V 1A 8QFN<br/>In stock: 182074 pcs<br/>RFQ</div>  |
| <div></div> <div><b>MP20045DQ-25-LF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG LINEAR 2.5V 1A 8QFN<br/>In stock: 167223 pcs<br/>RFQ</div>  | <div></div> <div><b>MP20045DN-25-LF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG LINEAR 2.5V 1A 8SOIC<br/>In stock: 174223 pcs<br/>RFQ</div> |
| <div></div> <div><b>MP20045DN-33-LF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG LINEAR 3.3V 1A 8SOIC<br/>In stock: 192100 pcs<br/>RFQ</div> | <div></div> <div><b>MP20045DQ-33-LF-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG LINEAR 3.3V 1A 8QFN<br/>In stock: 110167 pcs<br/>RFQ</div>  |
| <div></div> <div><b>MP20045DQ-25-LF-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG LINEAR 2.5V 1A 8QFN<br/>In stock: 98032 pcs<br/>RFQ</div>   | <div></div> <div><b>MP20045DN-33-LF</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG LINEAR 3.3V 1A 8SOIC<br/>In stock: 95137 pcs<br/>RFQ</div>    |