



MPS (Monolithic Power Systems)



Image may be representation. See specifications for product details.

MP20046DN-S-LF-Z

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MP20046DN-S-LF-Z                                                                                             |
| Manufacturer/Brand: | MPS (Monolithic Power Systems)                                                                               |
| Product description | IC REG LINEAR 3.3V 2A 8SOIC                                                                                  |
| Datasheets:         |  MP20046DN-S-LF-Z.pdf       |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

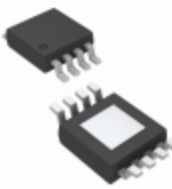
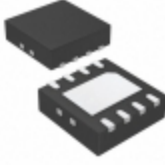
Specifications of MP20046DN-S-LF-Z

|                                  |                                                                                                          |
|----------------------------------|----------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MP20046DN-S-LF-Z                                                                                         |
| MANUFACTURER                     | MPS (Monolithic Power Systems)                                                                           |
| DESCRIPTION                      | IC REG LINEAR 3.3V 2A 8SOIC                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                               |
| DATA SHEET                       |  MP20046DN-S-LF-Z.pdf |
| VOLTAGE DROPOUT (MAX)            | 0.4V @ 2A                                                                                                |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 3.3V                                                                                                     |
| VOLTAGE - OUTPUT (MAX)           | -                                                                                                        |
| VOLTAGE - INPUT (MAX)            | 5.5V                                                                                                     |
| SUPPLIER DEVICE PACKAGE          | 8-SOIC-EP                                                                                                |
| SERIES                           | -                                                                                                        |
| PROTECTION FEATURES              | Over Current, Over Temperature                                                                           |
| PACKAGING                        | Tape & Reel (TR)                                                                                         |
| PACKAGE / CASE                   | 8-SOIC (0.154", 3.90mm Width) Exposed Pad                                                                |
| PSRR                             | 70dB (100Hz)                                                                                             |
| OUTPUT TYPE                      | Fixed                                                                                                    |
| OUTPUT CONFIGURATION             | Positive                                                                                                 |
| OPERATING TEMPERATURE            | -40°C ~ 125°C                                                                                            |
| NUMBER OF REGULATORS             | 1                                                                                                        |
| MOUNTING TYPE                    | Surface Mount                                                                                            |
| MOISTURE SENSITIVITY LEVEL (MSL) | 2 (1 Year)                                                                                               |
| MANUFACTURER STANDARD LEAD TIME  | 12 Weeks                                                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                               |
| DETAILED DESCRIPTION             | Linear Voltage Regulator IC Positive Fixed 1 Output 3.3V 2A 8-SOIC-EP                                    |
| CURRENT - QUIESCENT (IQ)         | 300µA                                                                                                    |
| CURRENT - OUTPUT                 | 2A                                                                                                       |
| CONTROL FEATURES                 | Enable, Power Good                                                                                       |

Related Tags

|                                                 |                                           |                                                     |
|-------------------------------------------------|-------------------------------------------|-----------------------------------------------------|
| MPS (Monolithic Power Systems) MP20046DN-S-LF-Z | MP20046DN-S-LF-Z Distributor              | MP20046DN-S-LF-Z Supplier                           |
| MP20046DN-S-LF-Z Price                          | MP20046DN-S-LF-Z Pictures                 | MP20046DN-S-LF-Z Image                              |
| MP20046DN-S-LF-Z PDF Datasheet                  | MP20046DN-S-LF-Z Download Datasheet       | MP20046DN-S-LF-Z Datasheet                          |
| MP20046DN-S-LF-Z Stock                          | Buy MP20046DN-S-LF-Z                      | Buy MPS (Monolithic Power Systems) MP20046DN-S-LF-Z |
| MPS (Monolithic Power Systems) MP20046DN-S-LF-Z | MPS (Monolithic Power Systems) Supplier   | MPS (Monolithic Power Systems) Distributor          |
| MPS (Monolithic Power Systems) MP20046DN-S-LF-Z | Monolithic Power Systems MP20046DN-S-LF-Z | Monolithic Power Systems Inc. MP20046DN-S-LF-Z      |
| MPS (Monolithic Power Systems) MP20046DN-S-LF-Z |                                           |                                                     |

Related Products

|                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                    |
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|  <div><b>MP20046DN-J-LF</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG LINEAR 2.5V 2A 8SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>   |  <div><b>MP20046DQ-S-LF-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG LINEAR 3.3V 2A 10QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
|  <div><b>MP20046DQ-G-LF-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG LINEAR 1.8V 2A 10QFN<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>MP20046DQ-S-LF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG LINEAR 3.3V 2A 10QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
|  <div><b>MP20046DN-F-LF</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG LINEAR 1.5V 2A 8SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>   |  <div><b>MP20048DJ-LF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG LIN POS ADJ 250MA TSOT23<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>MP20045DQ-LF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG LINEAR POS ADJ 1A 8QFN<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>MP20046DN-S-LF</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG LINEAR 3.3V 2A 8SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>     |
|  <div><b>MP20046DN-J-LF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG LINEAR 2.5V 2A 8SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>MP20048DJ-LF-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG LIN POS ADJ 250MA TSOT23<br/>In stock: Out stock<br/><div>RFQ</div></div> |
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