



MPS (Monolithic Power Systems)



Image may be representation. See specifications for product details.

MP20045DN-18-LF

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MP20045DN-18-LF                                                                                              |
| Manufacturer/Brand: | MPS (Monolithic Power Systems)                                                                               |
| Product description | IC REG LINEAR 1.8V 1A 8SOIC                                                                                  |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 114153 pcs stock                                                                                             |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of MP20045DN-18-LF

|                                  |                                                                       |
|----------------------------------|-----------------------------------------------------------------------|
| PART NUMBER                      | MP20045DN-18-LF                                                       |
| MANUFACTURER                     | MPS (Monolithic Power Systems)                                        |
| DESCRIPTION                      | IC REG LINEAR 1.8V 1A 8SOIC                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                            |
| QUANTITY AVAILABLE               | 114153 pcs                                                            |
| DATA SHEET                       |                                                                       |
| VOLTAGE DROPOUT (MAX)            | 0.28V @ 1A                                                            |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 1.8V                                                                  |
| VOLTAGE - OUTPUT (MAX)           | -                                                                     |
| VOLTAGE - INPUT (MAX)            | 5.5V                                                                  |
| SUPPLIER DEVICE PACKAGE          | 8-SOIC-EP                                                             |
| SERIES                           | -                                                                     |
| PROTECTION FEATURES              | Over Current, Over Temperature                                        |
| PACKAGING                        | Tube                                                                  |
| PACKAGE / CASE                   | 8-SOIC (0.154", 3.90mm Width) Exposed Pad                             |
| PSRR                             | 56dB (1kHz)                                                           |
| 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)                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                            |
| DETAILED DESCRIPTION             | Linear Voltage Regulator IC Positive Fixed 1 Output 1.8V 1A 8-SOIC-EP |
| CURRENT - QUIESCENT (IQ)         | 110µA                                                                 |
| CURRENT - OUTPUT                 | 1A                                                                    |
| CONTROL FEATURES                 | Enable, Power Good                                                    |

Related Tags

|                                                |                                          |                                                    |
|------------------------------------------------|------------------------------------------|----------------------------------------------------|
| MPS (Monolithic Power Systems) MP20045DN-18-LF | MP20045DN-18-LF Distributor              | MP20045DN-18-LF Supplier                           |
| MP20045DN-18-LF Price                          | MP20045DN-18-LF Pictures                 | MP20045DN-18-LF Image                              |
| MP20045DN-18-LF PDF Datasheet                  | MP20045DN-18-LF Download Datasheet       | MP20045DN-18-LF Datasheet                          |
| MP20045DN-18-LF Stock                          | Buy MP20045DN-18-LF                      | Buy MPS (Monolithic Power Systems) MP20045DN-18-LF |
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| MPS (Monolithic Power Systems) MP20045DN-18-LF | Monolithic Power Systems MP20045DN-18-LF | Monolithic Power Systems Inc. MP20045DN-18-LF      |
| MPS (Monolithic Power Systems) MP20045DN-18-LF |                                          |                                                    |

Related Products

|                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                           |
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|  <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: 174233 pcs<br/><a href="#">RFQ</a></div>   |  <div><b>MP20043DGT-D-LF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG LINEAR 1.5V/2.6V 8TQFN<br/>In stock: 173810 pcs<br/><a href="#">RFQ</a></div> |
|  <div><b>MP20043DGT-C-LF-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG LINEAR 1.8V/2.8V 8TQFN<br/>In stock: 109348 pcs<br/><a href="#">RFQ</a></div> |  <div><b>MP20045DN-15-LF</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG LINEAR 1.5V 1A 8SOIC<br/>In stock: 112483 pcs<br/><a href="#">RFQ</a></div>     |
|  <div><b>MP20045DN-15-LF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG LINEAR 1.5V 1A 8SOIC<br/>In stock: 217500 pcs<br/><a href="#">RFQ</a></div>   |  <div><b>MP20043DGT-C-LF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG LINEAR 1.8V/2.8V 8TQFN<br/>In stock: 196002 pcs<br/><a href="#">RFQ</a></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/><a href="#">RFQ</a></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/><a href="#">RFQ</a></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/><a href="#">RFQ</a></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/><a href="#">RFQ</a></div>     |
|  <div><b>MP20043DGT-D-LF-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG LINEAR 1.5V/2.6V 8TQFN<br/>In stock: 104563 pcs<br/><a href="#">RFQ</a></div> |  <div><b>MP20045DN-18-LF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG LINEAR 1.8V 1A 8SOIC<br/>In stock: 166729 pcs<br/><a href="#">RFQ</a></div>   |