

MP20045DQ-18-LF-Z



COMPONENTS-WORLD.COM

Part Number: [MP20045DQ-18-LF-Z](#)

Manufacturer: [MPS \(Monolithic Power Systems\)](#)

Description: IC REG LINEAR 1.8V 1A 8QFN

Data sheet:

RoHs Status: Lead free / RoHS Compliant

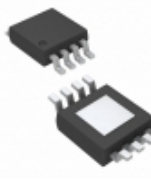
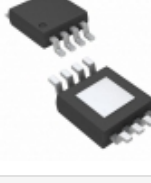
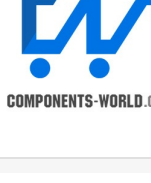
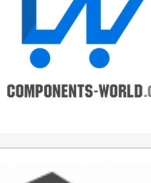
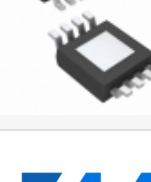
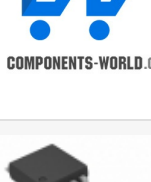
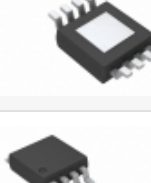
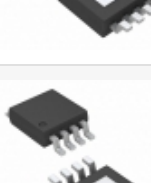
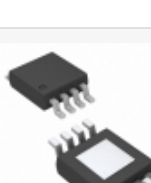
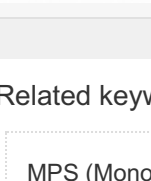
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
Buy MP20045DQ-18-LF-Z with confidence from  
Component-World.HK, 1 Year Warranty

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                           |                                 |                                                                         |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|-------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | MP20045DQ-18-LF-Z                         | Manufacturer                    | <a href="#">MPS (Monolithic Power Systems)</a>                          |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | IC REG LINEAR 1.8V 1A 8QFN                | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                              |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 116074 pcs                                | Data sheet                      |                                                                         |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <a href="#">Integrated Circuits (ICs)</a> | Voltage Dropout (Max)           | 0.28V @ 1A                                                              |
| Voltage - Output (Min/Fixed)                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1.8V                                      | 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                                  | Operating Temperature           | -40°C ~ 125°C                                                           |
| Number of Regulators                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1                                         | 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 1 Output 1.8V 1A 8-QFN (3x3) |
| Current - Quiescent (Iq)                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 110µA                                     | Current - Output                | 1A                                                                      |
| Control Features                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Enable, Power Good                        |                                 |                                                                         |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all MPS (Monolithic Power Systems) series electronic components. We have 116074 pieces of MPS (Monolithic Power Systems) MP20045DQ-18-LF-Z in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                           |                                 |                                                                         |

| RELATED PRODUCTS                                                                   |                                                                                      |                                                               |                |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------|----------------|
|  | Part#: <a href="#">MP20045DN-LF-Z</a><br>Description: IC REG LINEAR POS ADJ 1A 8SOIC | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MP20045DN-33-LF</a><br>Description: IC REG LINEAR 3.3V 1A 8SOIC   | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MP20046DN-J-LF-Z</a><br>Description: IC REG LINEAR 2.5V 2A 8SOIC  | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MP20045DQ-33-LF-P</a><br>Description: IC REG LINEAR 3.3V 1A 8QFN  | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MP20045DQ-15-LF-Z</a><br>Description: IC REG LINEAR 1.5V 1A 8QFN  | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MP20045DQ-LF-Z</a><br>Description: IC REG LINEAR POS ADJ 1A 8QFN  | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MP20045DN-33-LF-Z</a><br>Description: IC REG LINEAR 3.3V 1A 8SOIC | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MP20046DN-F-LF-Z</a><br>Description: IC REG LINEAR 1.5V 2A 8SOIC  | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MP20045DQ-LF-P</a><br>Description: IC REG LINEAR POS ADJ 1A 8QFN  | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MP20045DN-25-LF-Z</a><br>Description: IC REG LINEAR 2.5V 1A 8SOIC | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MP20045DN-25-LF</a><br>Description: IC REG LINEAR 2.5V 1A 8SOIC   | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MP20045DQ-25-LF-P</a><br>Description: IC REG LINEAR 2.5V 1A 8QFN  | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MP20045DN-LF</a><br>Description: IC REG LINEAR POS ADJ 1A 8SOIC   | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MP20045DQ-18-LF-P</a><br>Description: IC REG LINEAR 1.8V 1A 8QFN  | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MP20046DN-F-LF</a><br>Description: IC REG LINEAR 1.5V 2A 8SOIC    | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MP20045DN-18-LF-Z</a><br>Description: IC REG LINEAR 1.8V 1A 8SOIC | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MP20045DQ-33-LF-Z</a><br>Description: IC REG LINEAR 3.3V 1A 8QFN  | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MP20045DQ-15-LF-P</a><br>Description: IC REG LINEAR 1.5V 1A 8QFN  | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MP20045DQ-25-LF-Z</a><br>Description: IC REG LINEAR 2.5V 1A 8QFN  | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MP20046DN-J-LF</a><br>Description: IC REG LINEAR 2.5V 2A 8SOIC    | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <div>RFQ</div> |

Related keywords for **MP20045DQ-18-LF-Z**

|                                                  |                                                  |                                            |                                                 |
|--------------------------------------------------|--------------------------------------------------|--------------------------------------------|-------------------------------------------------|
| MPS (Monolithic Power Systems) MP20045DQ-18-LF-Z | MP20045DQ-18-LF-Z distributor                    | MP20045DQ-18-LF-Z supplier                 | MP20045DQ-18-LF-Z price                         |
|                                                  | MP20045DQ-18-LF-Z download datasheet             | MP20045DQ-18-LF-Z datasheet                | MP20045DQ-18-LF-Z stock                         |
| buy MP20045DQ-18-LF-Z                            | MPS (Monolithic Power Systems) MP20045DQ-18-LF-Z | Monolithic Power Systems MP20045DQ-18-LF-Z | Monolithic Power Systems Inc. MP20045DQ-18-LF-Z |
| MPS (Monolithic Power Systems) MP20045DQ-18-LF-Z |                                                  |                                            |                                                 |

