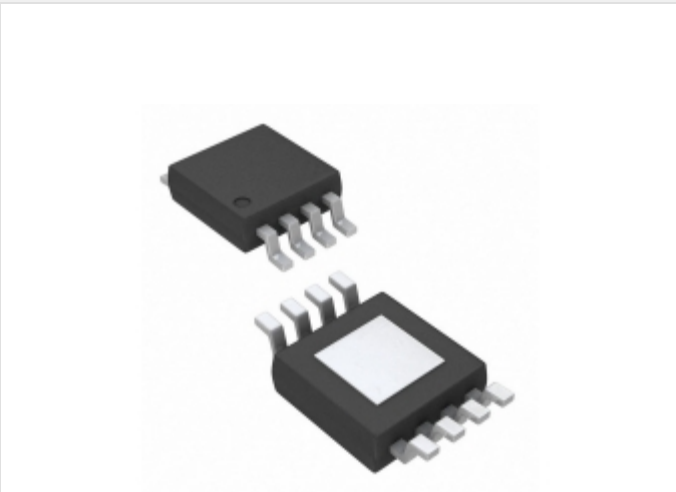


MP20051DN-LF-Z



**Part Number:** [MP20051DN-LF-Z](#)

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

**Description:** IC REG LINEAR POS ADJ 1A 8SOIC

**Data sheet:**

**RoHs Status:** Lead free / RoHS Compliant

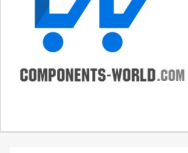
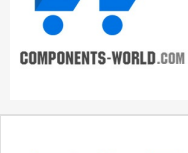
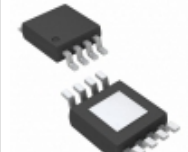
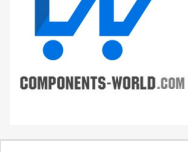
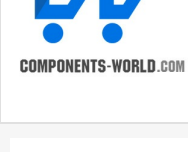
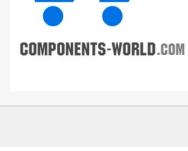
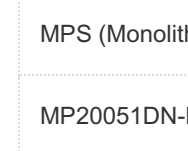
**Ship From:** Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
Buy MP20051DN-LF-Z with confidence from  
Component-World.HK, 1 Year Warranty

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                   |                                  |                                                              |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|----------------------------------|--------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                | MP20051DN-LF-Z                                                                    | Manufacturer                     | <a href="#">MPS (Monolithic Power Systems)</a>               |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                | IC REG LINEAR POS ADJ 1A 8SOIC                                                    | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                   |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                         | 121351 pcs                                                                        | Data sheet                       |                                                              |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                   | <a href="#">Integrated Circuits (ICs)</a>                                         | 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-SOIC-EP                                                    |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                     | -                                                                                 | Protection Features              | Over Current, Over Temperature, Under Voltage Lockout (UVLO) |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                  | Tape & Reel (TR)                                                                  | Package / Case                   | 8-SOIC (0.154", 3.90mm Width) Exposed Pad                    |
| PSRR                                                                                                                                                                                                                                                                                                                                                                                                                                       | 65dB ~ 33dB (100Hz ~ 1MHz)                                                        | Output Type                      | Adjustable                                                   |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                       | Positive                                                                          | Other Names                      | 1589-1547-2<br>MP20051DN-LF-Z-ND                             |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                      | -40°C ~ 125°C                                                                     | Number of Regulators             | 1                                                            |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                              | Surface Mount                                                                     | Moisture Sensitivity Level (MSL) | 2A (4 Weeks)                                                 |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                            | 12 Weeks                                                                          | 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-SOIC-EP | Current - Quiescent (Iq)         | 600µA                                                        |
| Current - Output                                                                                                                                                                                                                                                                                                                                                                                                                           | 1A                                                                                | Control Features                 | Enable                                                       |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all MPS (Monolithic Power Systems) series electronic components. We have 121351 pieces of MPS (Monolithic Power Systems) MP20051DN-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: info@Components-World.com |                                                                                   |                                  |                                                              |

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|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|---------------------------------------------------------------|-----|
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|  | Part#: <a href="#">MP20056GG-18-P</a><br>Description: IC REG LINEAR 1.8V 250MA 8QFN      | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | RFQ |
|  | Part#: <a href="#">MP2004DJ-PN-LF-Z</a><br>Description: IC REG LINEAR 2.85V/3V TSOT23-6  | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | RFQ |
|  | Part#: <a href="#">MP2004DJ-ZS-LF-P</a><br>Description: IC REG LINEAR 3.3V/5V TSOT23-6   | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | RFQ |
|  | Part#: <a href="#">MP20056GJ-Z</a><br>Description: IC REG LINEAR POS ADJ 250MA           | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | RFQ |
|  | Part#: <a href="#">MP2004DJ-SJ-LF-Z</a><br>Description: IC REG LINEAR 2.5V/3.3V TSOT23-6 | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | RFQ |
|  | Part#: <a href="#">MP2004DJ-PN-LF-P</a><br>Description: IC REG LINEAR 2.85V/3V TSOT23-6  | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | RFQ |
|  | Part#: <a href="#">MP20051DQ-LF-P</a><br>Description: IC REG LINEAR POS ADJ 1A 8QFN      | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | RFQ |
|  | Part#: <a href="#">MP20056GG-33-P</a><br>Description: IC REG LINEAR 3.3V 250MA 8QFN      | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | RFQ |
|  | Part#: <a href="#">MP20056GJ-33-Z</a><br>Description: IC REG LIN 3.3V 250MA TSOT23-5     | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | RFQ |
|  | Part#: <a href="#">MP2004DJ-ZS-LF-Z</a><br>Description: IC REG LINEAR 3.3V/5V TSOT23-6   | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | RFQ |
|  | Part#: <a href="#">MP20056GG-18-Z</a><br>Description: IC REG LINEAR 1.8V 250MA 8QFN      | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | RFQ |
|  | Part#: <a href="#">MP20051DQ-LF-Z</a><br>Description: IC REG LINEAR POS ADJ 1A 8QFN      | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | RFQ |
|  | Part#: <a href="#">MP20056GG-33-Z</a><br>Description: IC REG LINEAR 3.3V 250MA 8QFN      | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | RFQ |
|  | Part#: <a href="#">MP20051DN-LF</a><br>Description: IC REG LINEAR POS ADJ 1A 8SOIC       | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | RFQ |
|  | Part#: <a href="#">MP2004DJ-MG-LF-P</a><br>Description: IC REG LINEAR 1.8V/2.8V TSOT23-6 | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | RFQ |
|  | Part#: <a href="#">MP2004DJ-MG-LF-Z</a><br>Description: IC REG LINEAR 1.8V/2.8V TSOT23-6 | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | RFQ |
|  | Part#: <a href="#">MP2004DJ-SJ-LF-P</a><br>Description: IC REG LINEAR 2.5V/3.3V TSOT23-6 | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | RFQ |
|  | Part#: <a href="#">MP20056GJ-P</a><br>Description: IC REG LINEAR POS ADJ 250MA           | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | RFQ |
|  | Part#: <a href="#">MP2004DJ-JG-LF-Z</a><br>Description: IC REG LINEAR 1.8V/2.5V TSOT23-6 | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | RFQ |

Related keywords for MP20051DN-LF-Z

|                                               |                                         |                                              |                                               |
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