

MP2013AGQ-Z



**Part Number:** [MP2013AGQ-Z](#)

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

**Description:** IC REG LINEAR POS ADJ 150MA 8QFN

**Data sheet:**

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

**Ship From:** Hong Kong

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

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Images are for reference only.  
See Product Specifications for product details.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                           |                                  |                                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|----------------------------------|------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | MP2013AGQ-Z                                                                               | Manufacturer                     | <a href="#">MPS (Monolithic Power Systems)</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | IC REG LINEAR POS ADJ 150MA 8QFN                                                          | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                     |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 101516 pcs                                                                                | Data sheet                       |                                                |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <a href="#">Integrated Circuits (ICs)</a>                                                 | Voltage Dropout (Max)            | 0.85V @ 150mA                                  |
| Voltage - Output (Min/Fixed)                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1.215V                                                                                    | Voltage - Output (Max)           | 15V                                            |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 40V                                                                                       | Supplier Device Package          | 8-QFN (3x3)                                    |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -                                                                                         | Protection Features              | Over Current, Over Temperature                 |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Tape & Reel (TR)                                                                          | Package / Case                   | 8-VDFN Exposed Pad                             |
| PSRR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 58dB ~ 41dB (100Hz ~ 1kHz)                                                                | Output Type                      | Adjustable                                     |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Positive                                                                                  | Other Names                      | 1589-1553-2<br>MP2013AGQ-Z-ND                  |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -40°C ~ 125°C (TJ)                                                                        | 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 Adjustable 1 Output 1.215 V ~ 15 V 150mA 8-QFN (3x3) | Current - Supply (Max)           | 22µA                                           |
| Current - Quiescent (Iq)                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 9µA                                                                                       | Current - Output                 | 150mA                                          |
| Control Features                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Enable                                                                                    |                                  |                                                |
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| RELATED PRODUCTS                                                                   |                                                                                        |                                                               |                     |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|---------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">MP2013AGQ-18-Z</a><br>Description: 40V 150MA LOW QUIESCENT CURRENT  | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MP2013AGJE-C672-Z</a><br>Description: IC REG LINEAR POS ADJ 150MA   | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MP2013GQ-33-P</a><br>Description: IC REG LINEAR 3.3V 150MA          | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MP2013AGQ-P</a><br>Description: IC REG LINEAR POS ADJ 150MA 8QFN    | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MP20142DGT-LF-Z</a><br>Description: IC REG LINEAR 1.5V 8TQFN        | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MP2013AGQ-33-P</a><br>Description: IC REG LINEAR 3.3V 150MA 8QFN    | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MP2013AGQ-25-P</a><br>Description: IC REG LINEAR 2.5V 150MA         | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MP2013AGQ-18-P</a><br>Description: 40V 150MA LOW QUIESCENT CURRENT  | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MP2013GQ-33-Z</a><br>Description: IC REG LINEAR 3.3V 150MA          | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MP20142DGT-LF-P</a><br>Description: IC REG LINEAR 1.5V 8TQFN        | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MP2013GG-P</a><br>Description: IC REG LINEAR POS ADJ 150MA 6QFN     | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MP2013GQ-Z</a><br>Description: IC REG LINEAR POS ADJ 150MA 8QFN     | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MP2013AGQ-5-Z</a><br>Description: IC REG LINEAR 5V 150MA 8QFN       | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MP2013GQ-P</a><br>Description: IC REG LINEAR POS ADJ 150MA 8QFN     | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MP2013AGQ-33-Z</a><br>Description: IC REG LINEAR 3.3V 150MA 8QFN    | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MP2014GZD-33-P</a><br>Description: IC REG LINEAR 3.3V 500MA TO252-5 | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MP2013AGQ-5-P</a><br>Description: IC REG LINEAR 5V 150MA 8QFN       | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MP2013AGQ-25-Z</a><br>Description: IC REG LINEAR 2.5V 150MA         | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MP2014GZD-33-Z</a><br>Description: IC REG LINEAR 3.3V 500MA TO252-5 | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MP2013GG-Z</a><br>Description: IC REG LINEAR POS ADJ 150MA 6QFN     | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <a href="#">RFQ</a> |

Related keywords for **MP2013AGQ-Z**

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