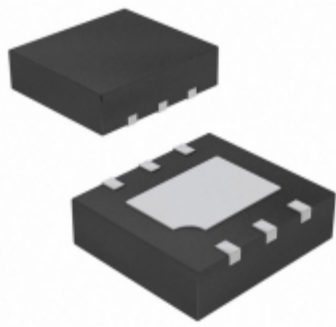


MP6401DGT-25BD3-LF-Z



**Part Number:** [MP6401DGT-25BD3-LF-Z](#)

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

**Description:** IC REG LINEAR 2.5V 300MA 6TQFN

**Data sheet:**

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

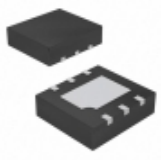
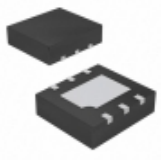
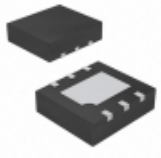
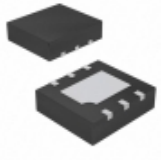
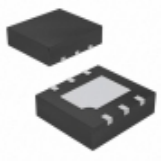
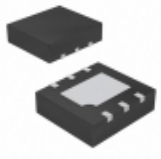
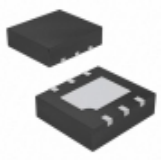
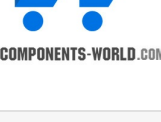
**Ship From:** Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                           |                                 |                                                                             |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|-----------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | MP6401DGT-25BD3-LF-Z                      | Manufacturer                    | <a href="#">MPS (Monolithic Power Systems)</a>                              |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | IC REG LINEAR 2.5V 300MA 6TQFN            | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                  |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 96563 pcs                                 | Data sheet                      |                                                                             |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <a href="#">Integrated Circuits (ICs)</a> | Voltage Dropout (Max)           | 0.22V @ 300mA                                                               |
| Voltage - Output (Min/Fixed)                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 2.5V                                      | Voltage - Output (Max)          | -                                                                           |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 5.5V                                      | Supplier Device Package         | 6-TQFN (2x2)                                                                |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | -                                         | Protection Features             | Over Current, Over Temperature, Short Circuit                               |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Tape & Reel (TR)                          | Package / Case                  | 6-WDFN Exposed Pad                                                          |
| PSRR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 57dB (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 2.5V 300mA 6-TQFN (2x2) |
| Current - Quiescent (Iq)                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 155µA                                     | Current - Output                | 300mA                                                                       |
| Control Features                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Enable                                    |                                 |                                                                             |
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|  | Part#: <a href="#">MP6401DGT-18AD3-LF-Z</a><br>Description: IC REG LINEAR 1.8V 300MA 6TQFN | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MP6401DGT-18BD3-LF-P</a><br>Description: IC REG LINEAR 1.8V 300MA 6TQFN | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MP6401DGT-25BD3-LF-P</a><br>Description: IC REG LINEAR 2.5V 300MA 6TQFN | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MP6401DGT-33AD3-LF-Z</a><br>Description: IC REG LINEAR 3.3V 300MA 6TQFN | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MP6401DJ-18AD3-LF-Z</a><br>Description: IC REG LIN 1.8V 300MA TSOT23-6  | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MP6401DGT-33AD3-LF-P</a><br>Description: IC REG LINEAR 3.3V 300MA 6TQFN | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MP6401DGT-18BD3-LF-Z</a><br>Description: IC REG LINEAR 1.8V 300MA 6TQFN | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MP6400DJ-30-LF-Z</a><br>Description: IC SUPERVISORY PWM                 | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MP6401DGT-18AD3-LF-P</a><br>Description: IC REG LINEAR 1.8V 300MA 6TQFN | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MP6401DJ-25AD3-LF-Z</a><br>Description: IC REG LIN 2.5V 300MA TSOT23-6  | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MP6401DJ-25AD3-LF-P</a><br>Description: IC REG LIN 2.5V 300MA TSOT23-6  | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MP6400DJ-33-LF-Z</a><br>Description: IC SUPERVISORY PWM                 | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MP6401DGT-25AD3-LF-Z</a><br>Description: IC REG LINEAR 2.5V 300MA 6TQFN | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <a href="#">RFQ</a> |
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Related keywords for MP6401DGT-25BD3-LF-Z

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