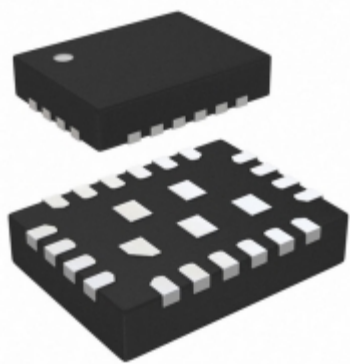


MP38900DL-B-LF-Z



**Part Number:** [MP38900DL-B-LF-Z](#)

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

**Description:** IC REG BUCK ADJ 10A SYNC

**Data sheet:**

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

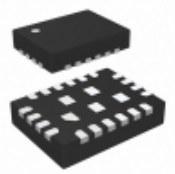
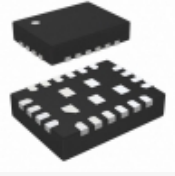
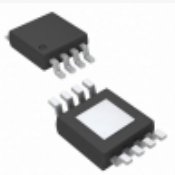
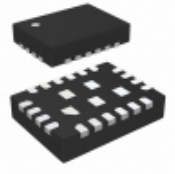
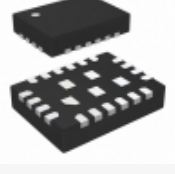
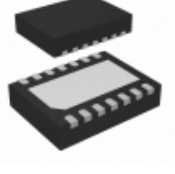
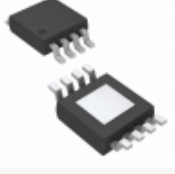
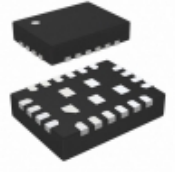
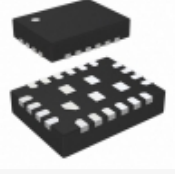
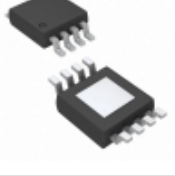
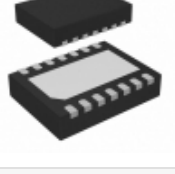
**Ship From:** Hong Kong

**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                                                                                                                                                                                                                                                                                                                                                                                                                                 | MP38900DL-B-LF-Z                          | Manufacturer                    | <a href="#">MPS (Monolithic Power Systems)</a>                                         |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                 | IC REG BUCK ADJ 10A SYNC                  | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                             |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                          | 60469 pcs                                 | Data sheet                      |                                                                                        |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                    | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Output (Min/Fixed)    | 0.8V                                                                                   |
| Voltage - Output (Max)                                                                                                                                                                                                                                                                                                                                                                                                                      | 13V                                       | Voltage - Input (Min)           | 4.5V                                                                                   |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                       | 16V                                       | Topology                        | Buck                                                                                   |
| Synchronous Rectifier                                                                                                                                                                                                                                                                                                                                                                                                                       | Yes                                       | Supplier Device Package         | 20-QFN (3x4)                                                                           |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                      | -                                         | Packaging                       | Tape & Reel (TR)                                                                       |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                              | 15-TFQFN Exposed Pad                      | Output Type                     | Adjustable                                                                             |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                        | Positive                                  | Operating Temperature           | -40°C ~ 125°C (TJ)                                                                     |
| Number of Outputs                                                                                                                                                                                                                                                                                                                                                                                                                           | 1                                         | Mounting Type                   | Surface Mount                                                                          |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                            | 1 (Unlimited)                             | Manufacturer Standard Lead Time | 14 Weeks                                                                               |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                              | Lead free / RoHS Compliant                | Function                        | Step-Down                                                                              |
| Frequency - Switching                                                                                                                                                                                                                                                                                                                                                                                                                       | -                                         | Detailed Description            | Buck Switching Regulator IC Positive Adjustable 0.8V 1 Output 10A 15-TFQFN Exposed Pad |
| Current - Output                                                                                                                                                                                                                                                                                                                                                                                                                            | 10A                                       |                                 |                                                                                        |
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| RELATED PRODUCTS                                                                   |                                                                                     |                                                               |                     |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">MP3900DK-LF-Z</a><br>Description: IC REG CTRLR BOOST 8MSOP       | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MP3908DK-LF-P</a><br>Description: IC REG CTRLR MULT TOP 10MSOP   | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MP38900DL-B-LF-P</a><br>Description: IC REG BUCK ADJ 10A SYNC    | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MP38900DL-LF-P</a><br>Description: IC REG BUCK ADJ 10A SYNC      | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MP38CLA</a><br>Description: IC OPAMP POWER 2MHZ 30DIP            | Manufacturers: <a href="#">Apex Microtechnology</a>           | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MP38892DN-LF-Z</a><br>Description: IC REG BUCK ADJ 6A            | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MP38876DL-LF-P</a><br>Description: IC REG BUCK ADJ 15A           | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MP38876DL-LF-Z</a><br>Description: IC REG BUCK ADJ 15A           | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MP38891DL-LF-P</a><br>Description: IC REG BUCK ADJ 6A            | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MP38894DN-LF</a><br>Description: IC REG BUCK ADJ 4.5A            | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MP3908DK-LF-Z</a><br>Description: IC REG CTRLR MULT TOP 10MSOP   | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MP3900DK-LF-P</a><br>Description: IC REG CTRLR BOOST 8MSOP       | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MP38875DL-LF-Z</a><br>Description: IC REG BUCK ADJ 15A           | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MP38900DL-LF-Z</a><br>Description: IC REG BUCK ADJ 10A SYNC      | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MP38894DN-LF-Z</a><br>Description: IC REG BUCK ADJ 4.5A          | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MP38CL</a><br>Description: IC OPAMP POWER 2MHZ 30DIP             | Manufacturers: <a href="#">Apex Microtechnology</a>           | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MP3910AGS</a><br>Description: PEAK CURRENT MODE BOOST PWM CONT   | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MP3910AGS-Z</a><br>Description: PEAK CURRENT MODE BOOST PWM CONT | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MP38891DL-LF-Z</a><br>Description: IC REG BUCK ADJ 6A            | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MP38892DN-LF</a><br>Description: IC REG BUCK ADJ 6A              | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <a href="#">RFQ</a> |

|                                                 |                                                 |                                                 |                                                |
|-------------------------------------------------|-------------------------------------------------|-------------------------------------------------|------------------------------------------------|
| Related keywords for <b>MP38900DL-B-LF-Z</b>    |                                                 |                                                 |                                                |
| MPS (Monolithic Power Systems) MP38900DL-B-LF-Z | MP38900DL-B-LF-Z distributor                    | MP38900DL-B-LF-Z supplier                       | MP38900DL-B-LF-Z price                         |
|                                                 | MP38900DL-B-LF-Z download datasheet             | MP38900DL-B-LF-Z datasheet                      | MP38900DL-B-LF-Z stock                         |
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