



MPS (Monolithic Power Systems)



Image may be representation. See specifications for product details.

MP4462DN-LF

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MP4462DN-LF                                                                                                  |
| Manufacturer/Brand: | MPS (Monolithic Power Systems)                                                                               |
| Product description | IC REG BUCK ADJ 3.5A                                                                                         |
| Datasheets:         |  MP4462DN-LF.pdf            |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

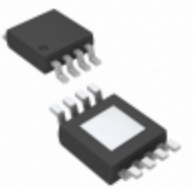
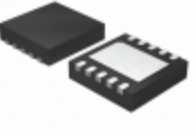
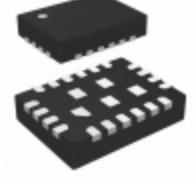
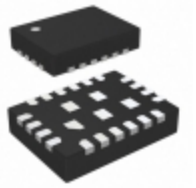
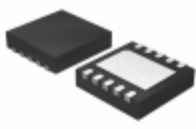
Specifications of MP4462DN-LF

|                                  |                                                                                                              |
|----------------------------------|--------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MP4462DN-LF                                                                                                  |
| MANUFACTURER                     | MPS (Monolithic Power Systems)                                                                               |
| DESCRIPTION                      | IC REG BUCK ADJ 3.5A                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                   |
| DATA SHEET                       |  MP4462DN-LF.pdf          |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 0.8V                                                                                                         |
| VOLTAGE - OUTPUT (MAX)           | 30V                                                                                                          |
| VOLTAGE - INPUT (MIN)            | 3.8V                                                                                                         |
| VOLTAGE - INPUT (MAX)            | 36V                                                                                                          |
| TOPOLOGY                         | Buck                                                                                                         |
| SYNCHRONOUS RECTIFIER            | No                                                                                                           |
| SUPPLIER DEVICE PACKAGE          | 8-SOICE                                                                                                      |
| SERIES                           | -                                                                                                            |
| PACKAGING                        | Tube                                                                                                         |
| PACKAGE / CASE                   | 8-SOIC (0.154", 3.90mm Width) Exposed Pad                                                                    |
| OUTPUT TYPE                      | Adjustable                                                                                                   |
| OUTPUT CONFIGURATION             | Positive                                                                                                     |
| OTHER NAMES                      | 1589-1403                                                                                                    |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TJ)                                                                                           |
| NUMBER OF OUTPUTS                | 1                                                                                                            |
| MOUNTING TYPE                    | Surface Mount                                                                                                |
| MOISTURE SENSITIVITY LEVEL (MSL) | 2A (4 Weeks)                                                                                                 |
| MANUFACTURER STANDARD LEAD TIME  | 18 Weeks                                                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                   |
| FUNCTION                         | Step-Down                                                                                                    |
| FREQUENCY - SWITCHING            | Up to 4MHz                                                                                                   |
| DETAILED DESCRIPTION             | Buck Switching Regulator IC Positive Adjustable 0.8V 1 Output 3.5A 8-SOIC (0.154", 3.90mm Width) Exposed Pad |
| CURRENT - OUTPUT                 | 3.5A                                                                                                         |

Related Tags

|                                            |                                         |                                                |
|--------------------------------------------|-----------------------------------------|------------------------------------------------|
| MPS (Monolithic Power Systems) MP4462DN-LF | MP4462DN-LF Distributor                 | MP4462DN-LF Supplier                           |
| MP4462DN-LF Price                          | MP4462DN-LF Pictures                    | MP4462DN-LF Image                              |
| MP4462DN-LF PDF Datasheet                  | MP4462DN-LF Download Datasheet          | MP4462DN-LF Datasheet                          |
| MP4462DN-LF Stock                          | Buy MP4462DN-LF                         | Buy MPS (Monolithic Power Systems) MP4462DN-LF |
| MPS (Monolithic Power Systems) MP4462DN-LF | MPS (Monolithic Power Systems) Supplier | MPS (Monolithic Power Systems) Distributor     |
| MPS (Monolithic Power Systems) MP4462DN-LF | Monolithic Power Systems MP4462DN-LF    | Monolithic Power Systems Inc. MP4462DN-LF      |
| MPS (Monolithic Power Systems) MP4462DN-LF |                                         |                                                |

Related Products

|                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                             |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MP4460DQ-LF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 2.5A<br/>In stock: Out stock<br/><div>RFQ</div></div>      |  <div><b>MP4462DN-LF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 3.5A<br/>In stock: Out stock<br/><div>RFQ</div></div>      |
|  <div><b>MP4459DQT-LF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 1.5A<br/>In stock: Out stock<br/><div>RFQ</div></div>     |  <div><b>MP4458DQT-LF-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 1A<br/>In stock: Out stock<br/><div>RFQ</div></div>       |
|  <div><b>MP4470AGL-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 5A SYNC QFN<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>MP4460DQ-LF-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 2.5A<br/>In stock: Out stock<br/><div>RFQ</div></div>      |
|  <div><b>MP4470GL-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 5A SYNC QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>MP4462DQ-LF-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 3.5A<br/>In stock: Out stock<br/><div>RFQ</div></div>      |
|  <div><b>MP4459DQT-LF-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 1.5A<br/>In stock: 187 pcs<br/><div>RFQ</div></div>       |  <div><b>MP4470AGL-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 5A SYNC QFN<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>MP4458DQT-LF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 1A<br/>In stock: Out stock<br/><div>RFQ</div></div>       |  <div><b>MP4462DQ-LF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 3.5A<br/>In stock: Out stock<br/><div>RFQ</div></div>      |