



MPS (Monolithic Power Systems)



Image may be representation. See specifications for product details.

MP24971DN-LF-Z

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MP24971DN-LF-Z                                                                                               |
| Manufacturer/Brand: | MPS (Monolithic Power Systems)                                                                               |
| Product description | IC REG BUCK 5V 1.5A                                                                                          |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 62519 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

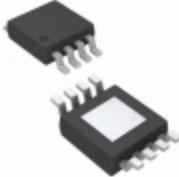
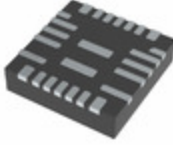
Specifications of MP24971DN-LF-Z

|                                  |                                                                                                       |
|----------------------------------|-------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MP24971DN-LF-Z                                                                                        |
| MANUFACTURER                     | MPS (Monolithic Power Systems)                                                                        |
| DESCRIPTION                      | IC REG BUCK 5V 1.5A                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                            |
| QUANTITY AVAILABLE               | 62519 pcs                                                                                             |
| DATA SHEET                       |                                                                                                       |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 5V                                                                                                    |
| VOLTAGE - OUTPUT (MAX)           | -                                                                                                     |
| VOLTAGE - INPUT (MIN)            | 8V                                                                                                    |
| VOLTAGE - INPUT (MAX)            | 50V                                                                                                   |
| TOPOLOGY                         | Buck                                                                                                  |
| SYNCHRONOUS RECTIFIER            | No                                                                                                    |
| SUPPLIER DEVICE PACKAGE          | 8-SOICE                                                                                               |
| SERIES                           | -                                                                                                     |
| PACKAGING                        | Tape & Reel (TR)                                                                                      |
| PACKAGE / CASE                   | 8-SOIC (0.154", 3.90mm Width) Exposed Pad                                                             |
| OUTPUT TYPE                      | Fixed                                                                                                 |
| OUTPUT CONFIGURATION             | Positive                                                                                              |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TJ)                                                                                    |
| NUMBER OF OUTPUTS                | 1                                                                                                     |
| MOUNTING TYPE                    | Surface Mount                                                                                         |
| MOISTURE SENSITIVITY LEVEL (MSL) | 2A (4 Weeks)                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                            |
| FUNCTION                         | Step-Down                                                                                             |
| FREQUENCY - SWITCHING            | 100kHz                                                                                                |
| DETAILED DESCRIPTION             | Buck Switching Regulator IC Positive Fixed 5V 1 Output 1.5A 8-SOIC (0.154", 3.90mm Width) Exposed Pad |
| CURRENT - OUTPUT                 | 1.5A                                                                                                  |

Related Tags

|                                               |                                         |                                                   |
|-----------------------------------------------|-----------------------------------------|---------------------------------------------------|
| MPS (Monolithic Power Systems) MP24971DN-LF-Z | MP24971DN-LF-Z Distributor              | MP24971DN-LF-Z Supplier                           |
| MP24971DN-LF-Z Price                          | MP24971DN-LF-Z Pictures                 | MP24971DN-LF-Z Image                              |
| MP24971DN-LF-Z PDF Datasheet                  | MP24971DN-LF-Z Download Datasheet       | MP24971DN-LF-Z Datasheet                          |
| MP24971DN-LF-Z Stock                          | Buy MP24971DN-LF-Z                      | Buy MPS (Monolithic Power Systems) MP24971DN-LF-Z |
| MPS (Monolithic Power Systems) MP24971DN-LF-Z | MPS (Monolithic Power Systems) Supplier | MPS (Monolithic Power Systems) Distributor        |
| MPS (Monolithic Power Systems) MP24971DN-LF-Z | Monolithic Power Systems MP24971DN-LF-Z | Monolithic Power Systems Inc. MP24971DN-LF-Z      |
| MPS (Monolithic Power Systems) MP24971DN-LF-Z |                                         |                                                   |

Related Products

|                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                 |
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| <div></div> <div><b>MP24971DS-LF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK 5V 1.5A<br/>In stock: 61808 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>MP24971DN-LF</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK 5V 1.5A<br/>In stock: 26506 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>MP2495DS-LF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 2A<br/>In stock: 43298 pcs<br/><div>RFQ</div></div>    | <div></div> <div><b>MP2497DS-LF</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 3A<br/>In stock: 35768 pcs<br/><div>RFQ</div></div>   |
| <div></div> <div><b>MP2497DS-LF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 3A<br/>In stock: 60887 pcs<br/><div>RFQ</div></div>    | <div></div> <div><b>MP2497DN-LF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 3A<br/>In stock: 48941 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>MP2494DS-LF</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 2A<br/>In stock: 42506 pcs<br/><div>RFQ</div></div>      | <div></div> <div><b>MP2497DN-LF</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 3A<br/>In stock: 39950 pcs<br/><div>RFQ</div></div>   |
| <div></div> <div><b>MP2496MGR-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: DC DC CONVERTER 5V 2.5A<br/>In stock: 21659 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>MP2495DS-LF</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 2A<br/>In stock: 28638 pcs<br/><div>RFQ</div></div>   |
| <div></div> <div><b>MP24971DS-LF</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK 5V 1.5A<br/>In stock: 39186 pcs<br/><div>RFQ</div></div>    | <div></div> <div><b>MP2494DS-LF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 2A<br/>In stock: 61057 pcs<br/><div>RFQ</div></div> |