



MPS (Monolithic Power Systems)



Image may be representation. See specifications for product details.

MP2452DD-LF-Z

|                     |                                                                                                                     |
|---------------------|---------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MP2452DD-LF-Z                                                                                                       |
| Manufacturer/Brand: | MPS (Monolithic Power Systems)                                                                                      |
| Product description | IC REG BUCK ADJ 1A                                                                                                  |
| Datasheets:         |  <a href="#">MP2452DD-LF-Z.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant        |
| Ship From           | Hong Kong                                                                                                           |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                               |

REQUEST FOR QUOTATION

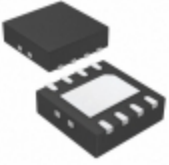
Specifications of MP2452DD-LF-Z

|                                  |                                                                                                                       |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MP2452DD-LF-Z                                                                                                         |
| MANUFACTURER                     | MPS (Monolithic Power Systems)                                                                                        |
| DESCRIPTION                      | IC REG BUCK ADJ 1A                                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                            |
| DATA SHEET                       |  <a href="#">MP2452DD-LF-Z.pdf</a> |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 0.794V                                                                                                                |
| VOLTAGE - OUTPUT (MAX)           | 33V                                                                                                                   |
| VOLTAGE - INPUT (MIN)            | 3.3V                                                                                                                  |
| VOLTAGE - INPUT (MAX)            | 36V                                                                                                                   |
| TOPOLOGY                         | Buck                                                                                                                  |
| SYNCHRONOUS RECTIFIER            | No                                                                                                                    |
| SUPPLIER DEVICE PACKAGE          | 8-QFN (2x3)                                                                                                           |
| SERIES                           | -                                                                                                                     |
| PACKAGING                        | Tape & Reel (TR)                                                                                                      |
| PACKAGE / CASE                   | 8-TFDFN Exposed Pad                                                                                                   |
| OUTPUT TYPE                      | Adjustable                                                                                                            |
| OUTPUT CONFIGURATION             | Positive                                                                                                              |
| OTHER NAMES                      | 1589-1586-2<br>MP2452DD-LF-Z-ND                                                                                       |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                     |
| NUMBER OF OUTPUTS                | 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                                                                                            |
| FUNCTION                         | Step-Down                                                                                                             |
| FREQUENCY - SWITCHING            | 1MHz                                                                                                                  |
| DETAILED DESCRIPTION             | Buck Switching Regulator IC Positive Adjustable 0.794V 1 Output 1A 8-TFDFN Exposed Pad                                |
| CURRENT - OUTPUT                 | 1A                                                                                                                    |

Related Tags

|                                              |                                         |                                                  |
|----------------------------------------------|-----------------------------------------|--------------------------------------------------|
| MPS (Monolithic Power Systems) MP2452DD-LF-Z | MP2452DD-LF-Z Distributor               | MP2452DD-LF-Z Supplier                           |
| MP2452DD-LF-Z Price                          | MP2452DD-LF-Z Pictures                  | MP2452DD-LF-Z Image                              |
| MP2452DD-LF-Z PDF Datasheet                  | MP2452DD-LF-Z Download Datasheet        | MP2452DD-LF-Z Datasheet                          |
| MP2452DD-LF-Z Stock                          | Buy MP2452DD-LF-Z                       | Buy MPS (Monolithic Power Systems) MP2452DD-LF-Z |
| MPS (Monolithic Power Systems) MP2452DD-LF-Z | MPS (Monolithic Power Systems) Supplier | MPS (Monolithic Power Systems) Distributor       |
| MPS (Monolithic Power Systems) MP2452DD-LF-Z | Monolithic Power Systems MP2452DD-LF-Z  | Monolithic Power Systems Inc. MP2452DD-LF-Z      |
| MPS (Monolithic Power Systems) MP2452DD-LF-Z |                                         |                                                  |

Related Products

|                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                      |
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|  <div><b>MP2451DT-LF-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 0.6A<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>          |  <div><b>MP2451DT-LF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 0.6A<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>          |
|  <div><b>MP2456GJ-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 0.5A<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>             |  <div><b>MP2454GQ-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: 36V,0.6A LOW IQ STEP-DOWN CONVER<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |
|  <div><b>MP2454GQ-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: 36V,0.6A LOW IQ STEP-DOWN CONVER<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |  <div><b>MP2451DJ-LF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 0.6A<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>          |
|  <div><b>MP2454GH-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: 36V,0.6A LOW IQ STEP-DOWN CONVER<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |  <div><b>MP2452DD-LF-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 1A<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>            |
|  <div><b>MP2456GJ-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 0.5A<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>             |  <div><b>MP2451DJ-LF-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 0.6A<br/>In stock: 500 pcs<br/><a href="#">RFQ</a></div>            |
|  <div><b>MP2454GH</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: 36V,0.6A LOW IQ STEP-DOWN CONVER<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>   |  <div><b>MP2451DJ-LF-ZX</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 0.6A<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>         |