



MPS (Monolithic Power Systems)



MP1482DS-LF-Z

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MP1482DS-LF-Z                                                                                                |
| Manufacturer/Brand: | MPS (Monolithic Power Systems)                                                                               |
| Product description | IC REG BUCK ADJ 2A SYNC                                                                                      |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 66341 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

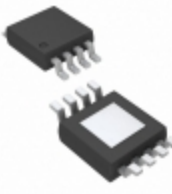
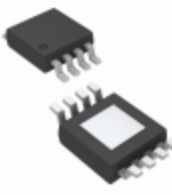
Specifications of MP1482DS-LF-Z

|                                  |                                                                                                  |
|----------------------------------|--------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MP1482DS-LF-Z                                                                                    |
| MANUFACTURER                     | MPS (Monolithic Power Systems)                                                                   |
| DESCRIPTION                      | IC REG BUCK ADJ 2A SYNC                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                       |
| QUANTITY AVAILABLE               | 66341 pcs                                                                                        |
| DATA SHEET                       |                                                                                                  |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 0.923V                                                                                           |
| VOLTAGE - OUTPUT (MAX)           | 15V                                                                                              |
| VOLTAGE - INPUT (MIN)            | 4.75V                                                                                            |
| VOLTAGE - INPUT (MAX)            | 18V                                                                                              |
| TOPOLOGY                         | Buck                                                                                             |
| SYNCHRONOUS RECTIFIER            | Yes                                                                                              |
| SUPPLIER DEVICE PACKAGE          | 8-SOIC                                                                                           |
| SERIES                           | -                                                                                                |
| PACKAGING                        | Tape & Reel (TR)                                                                                 |
| PACKAGE / CASE                   | 8-SOIC (0.154", 3.90mm Width)                                                                    |
| OUTPUT TYPE                      | Adjustable                                                                                       |
| OUTPUT CONFIGURATION             | Positive                                                                                         |
| OTHER NAMES                      | 1589-1524-2<br>MP1482DS-LF-Z-ND                                                                  |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                |
| NUMBER OF OUTPUTS                | 1                                                                                                |
| MOUNTING TYPE                    | Surface Mount                                                                                    |
| MOISTURE SENSITIVITY LEVEL (MSL) | 2 (1 Year)                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                       |
| FUNCTION                         | Step-Down                                                                                        |
| FREQUENCY - SWITCHING            | 340kHz                                                                                           |
| DETAILED DESCRIPTION             | Buck Switching Regulator IC Positive Adjustable 0.923V 1 Output 2A 8-SOIC (0.154", 3.90mm Width) |
| CURRENT - OUTPUT                 | 2A                                                                                               |

Related Tags

|                                              |                                         |                                                  |
|----------------------------------------------|-----------------------------------------|--------------------------------------------------|
| MPS (Monolithic Power Systems) MP1482DS-LF-Z | MP1482DS-LF-Z Distributor               | MP1482DS-LF-Z Supplier                           |
| MP1482DS-LF-Z Price                          | MP1482DS-LF-Z Pictures                  | MP1482DS-LF-Z Image                              |
| MP1482DS-LF-Z PDF Datasheet                  | MP1482DS-LF-Z Download Datasheet        | MP1482DS-LF-Z Datasheet                          |
| MP1482DS-LF-Z Stock                          | Buy MP1482DS-LF-Z                       | Buy MPS (Monolithic Power Systems) MP1482DS-LF-Z |
| MPS (Monolithic Power Systems) MP1482DS-LF-Z | MPS (Monolithic Power Systems) Supplier | MPS (Monolithic Power Systems) Distributor       |
| MPS (Monolithic Power Systems) MP1482DS-LF-Z | Monolithic Power Systems MP1482DS-LF-Z  | Monolithic Power Systems Inc. MP1482DS-LF-Z      |
| MPS (Monolithic Power Systems) MP1482DS-LF-Z |                                         |                                                  |

Related Products

|                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                         |
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|  <div><b>MP147B-E</b><br/>Manufacturers: CTS Electronic Components<br/>Description: CRYSTAL 14.7456MHZ 18PF T/H<br/>In stock: 282670 pcs<br/>RFQ</div>            |  <div><b>MP147B</b><br/>Manufacturers: CTS Electronic Components<br/>Description: CRYSTAL 14.7456MHZ 18PF T/H<br/>In stock: 160030 pcs<br/>RFQ</div>                 |
|  <div><b>MP1484EN-LF</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 3A SYNC 8SOIC<br/>In stock: 28922 pcs<br/>RFQ</div>   |  <div><b>MP1493DS-LF</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 3A SYNC<br/>In stock: 30326 pcs<br/>RFQ</div>            |
|  <div><b>MP147A-E</b><br/>Manufacturers: CTS Electronic Components<br/>Description: CRYSTAL 14.7456MHZ 20PF T/H<br/>In stock: 232020 pcs<br/>RFQ</div>            |  <div><b>MP147A</b><br/>Manufacturers: CTS Electronic Components<br/>Description: CRYSTAL 14.7456MHZ 20PF T/H<br/>In stock: 263298 pcs<br/>RFQ</div>                 |
|  <div><b>MP1484EN-LF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 3A SYNC 8SOIC<br/>In stock: 60371 pcs<br/>RFQ</div> |  <div><b>MP1482DS-LF</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 2A SYNC<br/>In stock: 39301 pcs<br/>RFQ</div>            |
|  <div><b>MP1493DS-LF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 3A SYNC<br/>In stock: 79991 pcs<br/>RFQ</div>       |  <div><b>MP1477HGTF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: 3A, 4.2-17V, 1.2MHZ, HIGH-EFFICI<br/>In stock: 133252 pcs<br/>RFQ</div> |
|  <div><b>MP1492DS-LF</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 2A SYNC<br/>In stock: 38960 pcs<br/>RFQ</div>         |  <div><b>MP1492DS-LF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 2A SYNC<br/>In stock: 81859 pcs<br/>RFQ</div>          |