



MPS (Monolithic Power Systems)



Image may be representation. See specifications for product details.

MP2303DQ-LF-Z

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MP2303DQ-LF-Z                                                                                                |
| Manufacturer/Brand: | MPS (Monolithic Power Systems)                                                                               |
| Product description | IC REG BUCK ADJ 3A SYNC                                                                                      |
| Datasheets:         |                                                                                                              |
| RoHS Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 44578 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

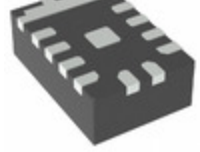
Specifications of MP2303DQ-LF-Z

|                                  |                                                                                       |
|----------------------------------|---------------------------------------------------------------------------------------|
| PART NUMBER                      | MP2303DQ-LF-Z                                                                         |
| MANUFACTURER                     | MPS (Monolithic Power Systems)                                                        |
| DESCRIPTION                      | IC REG BUCK ADJ 3A SYNC                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                            |
| QUANTITY AVAILABLE               | 44578 pcs                                                                             |
| DATA SHEET                       |                                                                                       |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 0.8V                                                                                  |
| VOLTAGE - OUTPUT (MAX)           | 25V                                                                                   |
| VOLTAGE - INPUT (MIN)            | 4.75V                                                                                 |
| VOLTAGE - INPUT (MAX)            | 28V                                                                                   |
| TOPOLOGY                         | Buck                                                                                  |
| SYNCHRONOUS RECTIFIER            | Yes                                                                                   |
| SUPPLIER DEVICE PACKAGE          | 10-QFN (3x3)                                                                          |
| SERIES                           | -                                                                                     |
| PACKAGING                        | Tape & Reel (TR)                                                                      |
| PACKAGE / CASE                   | 10-VFDFN Exposed Pad                                                                  |
| OUTPUT TYPE                      | Adjustable                                                                            |
| OUTPUT CONFIGURATION             | Positive                                                                              |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                     |
| NUMBER OF OUTPUTS                | 1                                                                                     |
| MOUNTING TYPE                    | Surface Mount                                                                         |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                            |
| FUNCTION                         | Step-Down                                                                             |
| FREQUENCY - SWITCHING            | 340kHz                                                                                |
| DETAILED DESCRIPTION             | Buck Switching Regulator IC Positive Adjustable 0.8V 1 Output 3A 10-VFDFN Exposed Pad |
| CURRENT - OUTPUT                 | 3A                                                                                    |

Related Tags

|                                              |                                         |                                                  |
|----------------------------------------------|-----------------------------------------|--------------------------------------------------|
| MPS (Monolithic Power Systems) MP2303DQ-LF-Z | MP2303DQ-LF-Z Distributor               | MP2303DQ-LF-Z Supplier                           |
| MP2303DQ-LF-Z Price                          | MP2303DQ-LF-Z Pictures                  | MP2303DQ-LF-Z Image                              |
| MP2303DQ-LF-Z PDF Datasheet                  | MP2303DQ-LF-Z Download Datasheet        | MP2303DQ-LF-Z Datasheet                          |
| MP2303DQ-LF-Z Stock                          | Buy MP2303DQ-LF-Z                       | Buy MPS (Monolithic Power Systems) MP2303DQ-LF-Z |
| MPS (Monolithic Power Systems) MP2303DQ-LF-Z | MPS (Monolithic Power Systems) Supplier | MPS (Monolithic Power Systems) Distributor       |
| MPS (Monolithic Power Systems) MP2303DQ-LF-Z | Monolithic Power Systems MP2303DQ-LF-Z  | Monolithic Power Systems Inc. MP2303DQ-LF-Z      |
| MPS (Monolithic Power Systems) MP2303DQ-LF-Z |                                         |                                                  |

Related Products

|                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                            |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <br><b>MP22T1-C24-5780-WWW-2-00</b><br>Manufacturers: Opulent Americas<br>Description: MOD BLOCK XHP70 5700K<br>In stock: 1713 pcs<br><b>RFQ</b>       | <br><b>MP2305DS-LF</b><br>Manufacturers: MPS (Monolithic Power Systems)<br>Description: IC REG BUCK ADJ 2A SYNC<br>In stock: 40458 pcs<br><b>RFQ</b>    |
| <br><b>MP2303DQ-LF-P</b><br>Manufacturers: MPS (Monolithic Power Systems)<br>Description: IC REG BUCK ADJ 3A SYNC<br>In stock: 28482 pcs<br><b>RFQ</b> | <br><b>MP2303ADN-LF</b><br>Manufacturers: MPS (Monolithic Power Systems)<br>Description: IC REG BUCK ADJ 3A SYNC<br>In stock: 22088 pcs<br><b>RFQ</b>   |
| <br><b>MP2308GD-Z</b><br>Manufacturers: MPS (Monolithic Power Systems)<br>Description: IC REG BUCK ADJ 4A SYNC<br>In stock: 32716 pcs<br><b>RFQ</b>    | <br><b>MP2307DN-LF</b><br>Manufacturers: MPS (Monolithic Power Systems)<br>Description: IC REG BUCK ADJ 3A SYNC<br>In stock: 24054 pcs<br><b>RFQ</b>    |
| <br><b>MP2303DN-LF-Z</b><br>Manufacturers: MPS (Monolithic Power Systems)<br>Description: IC REG BUCK ADJ 3A SYNC<br>In stock: 34747 pcs<br><b>RFQ</b> | <br><b>MP2307DN-LF-Z</b><br>Manufacturers: MPS (Monolithic Power Systems)<br>Description: IC REG BUCK ADJ 3A SYNC<br>In stock: 51461 pcs<br><b>RFQ</b>  |
| <br><b>MP2303DN-LF</b><br>Manufacturers: MPS (Monolithic Power Systems)<br>Description: IC REG BUCK ADJ 3A SYNC<br>In stock: 19056 pcs<br><b>RFQ</b>   | <br><b>MP2303ADN-LF-Z</b><br>Manufacturers: MPS (Monolithic Power Systems)<br>Description: IC REG BUCK ADJ 3A SYNC<br>In stock: 30886 pcs<br><b>RFQ</b> |
| <br><b>MP2305DS-LF-Z</b><br>Manufacturers: MPS (Monolithic Power Systems)<br>Description: IC REG BUCK ADJ 2A SYNC<br>In stock: 50641 pcs<br><b>RFQ</b> | <br><b>MP2308GD-P</b><br>Manufacturers: MPS (Monolithic Power Systems)<br>Description: IC REG BUCK ADJ 4A SYNC<br>In stock: 47846 pcs<br><b>RFQ</b>     |