



MPS (Monolithic Power Systems)



Part Number: MPQ4462DQ-AEC1-LF-Z

Manufacturer/Brand: MPS (Monolithic Power Systems)

Product description: IC REG BUCK ADJ 3.5A

Datasheets: [MPQ4462DQ-AEC1-LF-Z.pdf](#)

RoHs Status:  Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

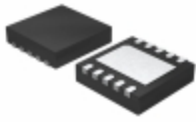
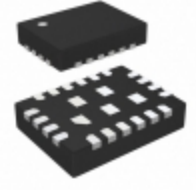
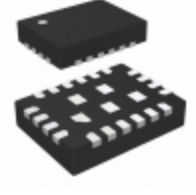
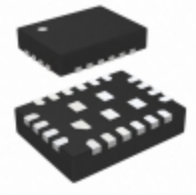
Specifications of MPQ4462DQ-AEC1-LF-Z

|                                  |                                                                                         |
|----------------------------------|-----------------------------------------------------------------------------------------|
| PART NUMBER                      | MPQ4462DQ-AEC1-LF-Z                                                                     |
| MANUFACTURER                     | MPS (Monolithic Power Systems)                                                          |
| DESCRIPTION                      | IC REG BUCK ADJ 3.5A                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                              |
| DATA SHEET                       | <a href="#">MPQ4462DQ-AEC1-LF-Z.pdf</a>                                                 |
| 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          | 10-QFN (3x3)                                                                            |
| SERIES                           | Automotive, AEC-Q100                                                                    |
| PACKAGING                        | Original-Reel®                                                                          |
| PACKAGE / CASE                   | 10-VFDFN Exposed Pad                                                                    |
| OUTPUT TYPE                      | Adjustable                                                                              |
| OUTPUT CONFIGURATION             | Positive                                                                                |
| OTHER NAMES                      | 1589-1797-6                                                                             |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TJ)                                                                      |
| NUMBER OF OUTPUTS                | 1                                                                                       |
| MOUNTING TYPE                    | Surface Mount                                                                           |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                           |
| MANUFACTURER STANDARD LEAD TIME  | 20 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 10-VFDFN Exposed Pad |
| CURRENT - OUTPUT                 | 3.5A                                                                                    |

Related Tags

|                                                    |                                              |                                                        |
|----------------------------------------------------|----------------------------------------------|--------------------------------------------------------|
| MPS (Monolithic Power Systems) MPQ4462DQ-AEC1-LF-Z | MPQ4462DQ-AEC1-LF-Z Distributor              | MPQ4462DQ-AEC1-LF-Z Supplier                           |
| MPQ4462DQ-AEC1-LF-Z Price                          | MPQ4462DQ-AEC1-LF-Z Pictures                 | MPQ4462DQ-AEC1-LF-Z Image                              |
| MPQ4462DQ-AEC1-LF-Z PDF Datasheet                  | MPQ4462DQ-AEC1-LF-Z Download Datasheet       | MPQ4462DQ-AEC1-LF-Z Datasheet                          |
| MPQ4462DQ-AEC1-LF-Z Stock                          | Buy MPQ4462DQ-AEC1-LF-Z                      | Buy MPS (Monolithic Power Systems) MPQ4462DQ-AEC1-LF-Z |
| MPS (Monolithic Power Systems) MPQ4462DQ-AEC1-LF-Z | MPS (Monolithic Power Systems) Supplier      | MPS (Monolithic Power Systems) Distributor             |
| MPS (Monolithic Power Systems) MPQ4462DQ-AEC1-LF-Z | Monolithic Power Systems MPQ4462DQ-AEC1-LF-Z | Monolithic Power Systems Inc. MPQ4462DQ-AEC1-LF-Z      |
| MPS (Monolithic Power Systems) MPQ4462DQ-AEC1-LF-Z |                                              |                                                        |

Related Products

|                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                    |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MPQ4462DQ-LF-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 3.5A<br/>In stock: Out stock<br/>RFQ</div>       |  <div><b>MPQ4462DN-AEC1-LF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 3.5A<br/>In stock: Out stock<br/>RFQ</div>  |
|  <div><b>MPQ4462DQ-AEC1-LF-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 3.5A<br/>In stock: Out stock<br/>RFQ</div>  |  <div><b>MPQ4470AGL-AEC1-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 5A SYNC<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>MPQ4470AGL-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 5A SYNC<br/>In stock: Out stock<br/>RFQ</div>      |  <div><b>MPQ4462DN-LF</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 3.5A<br/>In stock: Out stock<br/>RFQ</div>         |
|  <div><b>MPQ4470AGL-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 5A SYNC<br/>In stock: Out stock<br/>RFQ</div>      |  <div><b>MPQ4460DQ-LF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 2.5A<br/>In stock: Out stock<br/>RFQ</div>       |
|  <div><b>MPQ4462DQ-LF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 3.5A<br/>In stock: Out stock<br/>RFQ</div>       |  <div><b>MPQ4462DN-AEC1-LF</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 3.5A<br/>In stock: Out stock<br/>RFQ</div>    |
|  <div><b>MPQ4470AGL-AEC1-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 5A SYNC<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>MPQ4462DN-LF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 3.5A<br/>In stock: Out stock<br/>RFQ</div>       |