



MPS (Monolithic Power Systems)



Image may be representation. See specifications for product details.

Part Number: MPQ4560DQ-AEC1-LF-Z

Manufacturer/Brand: MPS (Monolithic Power Systems)

Product description: IC REG BUCK ADJ 2A

Datasheets:

RoHS Status:  Lead free / RoHS Compliant

Stock Condition: 42494 pcs stock

Ship From: Hong Kong

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

REQUEST FOR QUOTATION

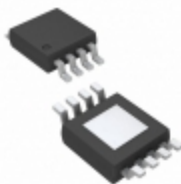
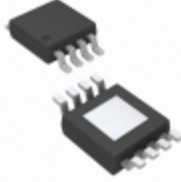
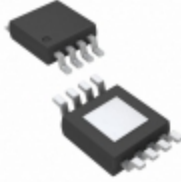
Specifications of MPQ4560DQ-AEC1-LF-Z

|                                  |                                                                                       |
|----------------------------------|---------------------------------------------------------------------------------------|
| PART NUMBER                      | MPQ4560DQ-AEC1-LF-Z                                                                   |
| MANUFACTURER                     | MPS (Monolithic Power Systems)                                                        |
| DESCRIPTION                      | IC REG BUCK ADJ 2A                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                            |
| QUANTITY AVAILABLE               | 42494 pcs                                                                             |
| DATA SHEET                       |                                                                                       |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 0.8V                                                                                  |
| VOLTAGE - OUTPUT (MAX)           | 52V                                                                                   |
| VOLTAGE - INPUT (MIN)            | 3.8V                                                                                  |
| VOLTAGE - INPUT (MAX)            | 55V                                                                                   |
| TOPOLOGY                         | Buck                                                                                  |
| SYNCHRONOUS RECTIFIER            | No                                                                                    |
| SUPPLIER DEVICE PACKAGE          | 10-QFN (3x3)                                                                          |
| SERIES                           | Automotive, AEC-Q100                                                                  |
| PACKAGING                        | Tape & Reel (TR)                                                                      |
| PACKAGE / CASE                   | 10-VFDFN Exposed Pad                                                                  |
| OUTPUT TYPE                      | Adjustable                                                                            |
| OUTPUT CONFIGURATION             | Positive                                                                              |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TJ)                                                                    |
| 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            | Up to 2MHz                                                                            |
| DETAILED DESCRIPTION             | Buck Switching Regulator IC Positive Adjustable 0.8V 1 Output 2A 10-VFDFN Exposed Pad |
| CURRENT - OUTPUT                 | 2A                                                                                    |

Related Tags

|                                                    |                                              |                                                        |
|----------------------------------------------------|----------------------------------------------|--------------------------------------------------------|
| MPS (Monolithic Power Systems) MPQ4560DQ-AEC1-LF-Z | MPQ4560DQ-AEC1-LF-Z Distributor              | MPQ4560DQ-AEC1-LF-Z Supplier                           |
| MPQ4560DQ-AEC1-LF-Z Price                          | MPQ4560DQ-AEC1-LF-Z Pictures                 | MPQ4560DQ-AEC1-LF-Z Image                              |
| MPQ4560DQ-AEC1-LF-Z PDF Datasheet                  | MPQ4560DQ-AEC1-LF-Z Download Datasheet       | MPQ4560DQ-AEC1-LF-Z Datasheet                          |
| MPQ4560DQ-AEC1-LF-Z Stock                          | Buy MPQ4560DQ-AEC1-LF-Z                      | Buy MPS (Monolithic Power Systems) MPQ4560DQ-AEC1-LF-Z |
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| MPS (Monolithic Power Systems) MPQ4560DQ-AEC1-LF-Z |                                              |                                                        |

Related Products

|                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                              |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>MPQ4560DN-AEC1-LF</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 2A<br/>In stock: 21617 pcs<br/>RFQ</div>     | <div></div> <div><b>MPQ4560DQ-LF-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 2A<br/>In stock: 29287 pcs<br/>RFQ</div>        |
| <div></div> <div><b>MPQ4560DN-LF</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 2A<br/>In stock: 22868 pcs<br/>RFQ</div>          | <div></div> <div><b>MPQ4560DQ-AEC1-LF-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 2A<br/>In stock: 27542 pcs<br/>RFQ</div>   |
| <div></div> <div><b>MPQ4560DQ-LF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 2A<br/>In stock: 40107 pcs<br/>RFQ</div>        | <div></div> <div><b>MPQ4561DQ-LF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 1.5A<br/>In stock: 47838 pcs<br/>RFQ</div>      |
| <div></div> <div><b>MPQ4560DN-LF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 2A<br/>In stock: 45208 pcs<br/>RFQ</div>        | <div></div> <div><b>MPQ4561DQ-LF-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 1.5A<br/>In stock: 38781 pcs<br/>RFQ</div>      |
| <div></div> <div><b>MPQ4559DQ-LF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 1.5A<br/>In stock: 80635 pcs<br/>RFQ</div>      | <div></div> <div><b>MPQ4560DN-AEC1-LF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 2A<br/>In stock: 19397 pcs<br/>RFQ</div>   |
| <div></div> <div><b>MPQ4561DQ-AEC1-LF-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 1.5A<br/>In stock: 36112 pcs<br/>RFQ</div> | <div></div> <div><b>MPQ4561DQ-AEC1-LF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 1.5A<br/>In stock: 45033 pcs<br/>RFQ</div> |