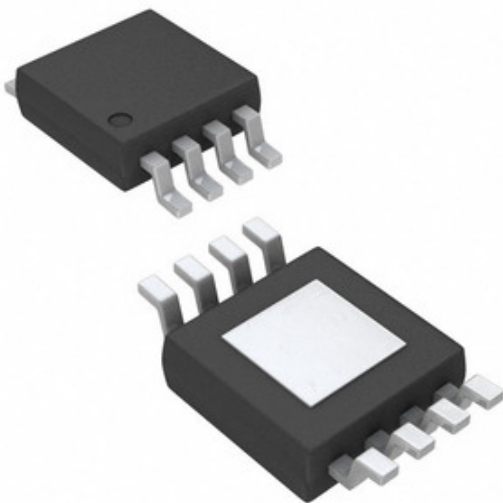




MPS (Monolithic Power Systems)



MPQ4560DN-AEC1-LF

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MPQ4560DN-AEC1-LF                                                                                            |
| Manufacturer/Brand: | MPS (Monolithic Power Systems)                                                                               |
| Product description | IC REG BUCK ADJ 2A                                                                                           |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 21617 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of MPQ4560DN-AEC1-LF

|                                  |                                                                                                            |
|----------------------------------|------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MPQ4560DN-AEC1-LF                                                                                          |
| MANUFACTURER                     | MPS (Monolithic Power Systems)                                                                             |
| DESCRIPTION                      | IC REG BUCK ADJ 2A                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                 |
| QUANTITY AVAILABLE               | 21617 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          | 8-SOIC-EP                                                                                                  |
| SERIES                           | Automotive, AEC-Q100                                                                                       |
| PACKAGING                        | Tube                                                                                                       |
| PACKAGE / CASE                   | 8-SOIC (0.154", 3.90mm Width) Exposed Pad                                                                  |
| OUTPUT TYPE                      | Adjustable                                                                                                 |
| OUTPUT CONFIGURATION             | Positive                                                                                                   |
| OTHER NAMES                      | 1589-1432                                                                                                  |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TJ)                                                                                         |
| NUMBER OF OUTPUTS                | 1                                                                                                          |
| MOUNTING TYPE                    | Surface Mount                                                                                              |
| MOISTURE SENSITIVITY LEVEL (MSL) | 2A (4 Weeks)                                                                                               |
| 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 8-SOIC (0.154", 3.90mm Width) Exposed Pad |
| CURRENT - OUTPUT                 | 2A                                                                                                         |

Related Tags

|                                                  |                                            |                                                      |
|--------------------------------------------------|--------------------------------------------|------------------------------------------------------|
| MPS (Monolithic Power Systems) MPQ4560DN-AEC1-LF | MPQ4560DN-AEC1-LF Distributor              | MPQ4560DN-AEC1-LF Supplier                           |
| MPQ4560DN-AEC1-LF Price                          | MPQ4560DN-AEC1-LF Pictures                 | MPQ4560DN-AEC1-LF Image                              |
| MPQ4560DN-AEC1-LF PDF Datasheet                  | MPQ4560DN-AEC1-LF Download Datasheet       | MPQ4560DN-AEC1-LF Datasheet                          |
| MPQ4560DN-AEC1-LF Stock                          | Buy MPQ4560DN-AEC1-LF                      | Buy MPS (Monolithic Power Systems) MPQ4560DN-AEC1-LF |
| MPS (Monolithic Power Systems) MPQ4560DN-AEC1-LF | MPS (Monolithic Power Systems) Supplier    | MPS (Monolithic Power Systems) Distributor           |
| MPS (Monolithic Power Systems) MPQ4560DN-AEC1-LF | Monolithic Power Systems MPQ4560DN-AEC1-LF | Monolithic Power Systems Inc. MPQ4560DN-AEC1-LF      |
| MPS (Monolithic Power Systems) MPQ4560DN-AEC1-LF |                                            |                                                      |

Related Products

|                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MPQ4559DQ-LF-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 1.5A<br/>In stock: 46656 pcs<br/>RFQ</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><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><b>MPQ4559DN-LF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 1.5A<br/>In stock: 83590 pcs<br/>RFQ</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><b>MPQ4559DQ-AEC1-LF-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 1.5A<br/>In stock: 41565 pcs<br/>RFQ</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><b>MPQ4559DN-LF</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 1.5A<br/>In stock: 39488 pcs<br/>RFQ</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><b>MPQ4560DQ-AEC1-LF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 2A<br/>In stock: 42494 pcs<br/>RFQ</div>   |
|  <div><b>MPQ4559DQ-AEC1-LF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 1.5A<br/>In stock: 62072 pcs<br/>RFQ</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>   |