



MPS (Monolithic Power Systems)

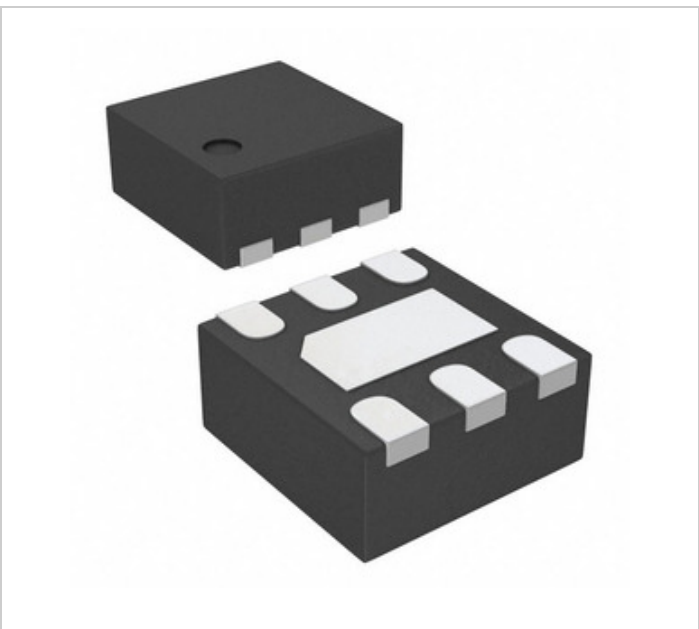


Image may be representation. See specifications for product details.

MPQ2451GG-5-AEC1-Z

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MPQ2451GG-5-AEC1-Z                                                                                           |
| Manufacturer/Brand: | MPS (Monolithic Power Systems)                                                                               |
| Product description | IC REG BUCK 5V 0.6A                                                                                          |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 60422 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

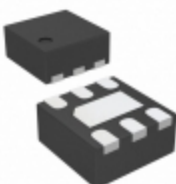
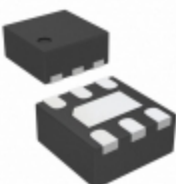
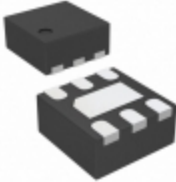
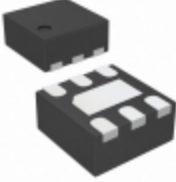
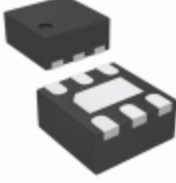
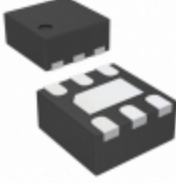
Specifications of MPQ2451GG-5-AEC1-Z

|                                  |                                                                                 |
|----------------------------------|---------------------------------------------------------------------------------|
| PART NUMBER                      | MPQ2451GG-5-AEC1-Z                                                              |
| MANUFACTURER                     | MPS (Monolithic Power Systems)                                                  |
| DESCRIPTION                      | IC REG BUCK 5V 0.6A                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                      |
| QUANTITY AVAILABLE               | 60422 pcs                                                                       |
| DATA SHEET                       |                                                                                 |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 5V                                                                              |
| VOLTAGE - OUTPUT (MAX)           | -                                                                               |
| VOLTAGE - INPUT (MIN)            | 3.3V                                                                            |
| VOLTAGE - INPUT (MAX)            | 36V                                                                             |
| TOPOLOGY                         | Buck                                                                            |
| SYNCHRONOUS RECTIFIER            | No                                                                              |
| SUPPLIER DEVICE PACKAGE          | 6-QFN (2x2)                                                                     |
| SERIES                           | Automotive, AEC-Q100                                                            |
| PACKAGING                        | Tape & Reel (TR)                                                                |
| PACKAGE / CASE                   | 6-VDFN Exposed Pad                                                              |
| OUTPUT TYPE                      | Fixed                                                                           |
| 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            | 2.2MHz                                                                          |
| DETAILED DESCRIPTION             | Buck Switching Regulator IC Positive Fixed 5V 1 Output 600mA 6-VDFN Exposed Pad |
| CURRENT - OUTPUT                 | 600mA                                                                           |

Related Tags

|                                                   |                                             |                                                       |
|---------------------------------------------------|---------------------------------------------|-------------------------------------------------------|
| MPS (Monolithic Power Systems) MPQ2451GG-5-AEC1-Z | MPQ2451GG-5-AEC1-Z Distributor              | MPQ2451GG-5-AEC1-Z Supplier                           |
| MPQ2451GG-5-AEC1-Z Price                          | MPQ2451GG-5-AEC1-Z Pictures                 | MPQ2451GG-5-AEC1-Z Image                              |
| MPQ2451GG-5-AEC1-Z PDF Datasheet                  | MPQ2451GG-5-AEC1-Z Download Datasheet       | MPQ2451GG-5-AEC1-Z Datasheet                          |
| MPQ2451GG-5-AEC1-Z Stock                          | Buy MPQ2451GG-5-AEC1-Z                      | Buy MPS (Monolithic Power Systems) MPQ2451GG-5-AEC1-Z |
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| MPS (Monolithic Power Systems) MPQ2451GG-5-AEC1-Z | Monolithic Power Systems MPQ2451GG-5-AEC1-Z | Monolithic Power Systems Inc. MPQ2451GG-5-AEC1-Z      |
| MPS (Monolithic Power Systems) MPQ2451GG-5-AEC1-Z |                                             |                                                       |

Related Products

|                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MPQ2451GG-5-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK 5V 0.6A<br/>In stock: 57038 pcs<br/><b>RFQ</b></div>         |  <div><b>MPQ2451GG-33-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK 3.3V 0.6A<br/>In stock: 52234 pcs<br/><b>RFQ</b></div>      |
|  <div><b>MPQ2451GG-5-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK 5V 0.6A<br/>In stock: 47315 pcs<br/><b>RFQ</b></div>         |  <div><b>MPQ2451GT-33-AEC1-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK 3.3V 0.6A<br/>In stock: 41613 pcs<br/><b>RFQ</b></div> |
|  <div><b>MPQ2451GT-33-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK 3.3V 0.6A<br/>In stock: 44801 pcs<br/><b>RFQ</b></div>      |  <div><b>MPQ2451GG-33-AEC1-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK 3.3V 0.6A<br/>In stock: 55139 pcs<br/><b>RFQ</b></div> |
|  <div><b>MPQ2451GG-33-AEC1-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK 3.3V 0.6A<br/>In stock: 39056 pcs<br/><b>RFQ</b></div> |  <div><b>MPQ2451DT-LF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 0.6A<br/>In stock: 59945 pcs<br/><b>RFQ</b></div>       |
|  <div><b>MPQ2451GT-33-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK 3.3V 0.6A<br/>In stock: 57370 pcs<br/><b>RFQ</b></div>      |  <div><b>MPQ2451GT-33-AEC1-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK 3.3V 0.6A<br/>In stock: 50778 pcs<br/><b>RFQ</b></div> |
|  <div><b>MPQ2451GG-5-AEC1-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK 5V 0.6A<br/>In stock: 35294 pcs<br/><b>RFQ</b></div>    |  <div><b>MPQ2451GG-33-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK 3.3V 0.6A<br/>In stock: 39147 pcs<br/><b>RFQ</b></div>      |