



MPS (Monolithic Power Systems)



Monolithic Power Sys

MPQ2459GJ-AEC1-Z

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MPQ2459GJ-AEC1-Z                                                                                             |
| Manufacturer/Brand: | MPS (Monolithic Power Systems)                                                                               |
| Product description | IC REG BUCK ADJ 0.5A                                                                                         |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 108920 pcs stock                                                                                             |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

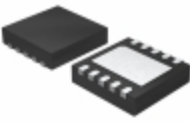
Specifications of MPQ2459GJ-AEC1-Z

|                                  |                                                                                               |
|----------------------------------|-----------------------------------------------------------------------------------------------|
| PART NUMBER                      | MPQ2459GJ-AEC1-Z                                                                              |
| MANUFACTURER                     | MPS (Monolithic Power Systems)                                                                |
| DESCRIPTION                      | IC REG BUCK ADJ 0.5A                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                    |
| QUANTITY AVAILABLE               | 108920 pcs                                                                                    |
| DATA SHEET                       |                                                                                               |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 0.81V                                                                                         |
| VOLTAGE - OUTPUT (MAX)           | 52.25V                                                                                        |
| VOLTAGE - INPUT (MIN)            | 4.5V                                                                                          |
| VOLTAGE - INPUT (MAX)            | 55V                                                                                           |
| TOPOLOGY                         | Buck                                                                                          |
| SYNCHRONOUS RECTIFIER            | No                                                                                            |
| SUPPLIER DEVICE PACKAGE          | TSOT-23-6                                                                                     |
| SERIES                           | Automotive, AEC-Q100                                                                          |
| PACKAGING                        | Tape & Reel (TR)                                                                              |
| PACKAGE / CASE                   | SOT-23-6 Thin, TSOT-23-6                                                                      |
| OUTPUT TYPE                      | Adjustable                                                                                    |
| OUTPUT CONFIGURATION             | Positive                                                                                      |
| OTHER NAMES                      | 1589-1784-2<br>MPQ2459GJ-AEC1-Z-ND                                                            |
| 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            | 480kHz                                                                                        |
| DETAILED DESCRIPTION             | Buck Switching Regulator IC Positive Adjustable 0.81V 1 Output 500mA SOT-23-6 Thin, TSOT-23-6 |
| CURRENT - OUTPUT                 | 500mA                                                                                         |

Related Tags

|                                                 |                                           |                                                     |
|-------------------------------------------------|-------------------------------------------|-----------------------------------------------------|
| MPS (Monolithic Power Systems) MPQ2459GJ-AEC1-Z | MPQ2459GJ-AEC1-Z Distributor              | MPQ2459GJ-AEC1-Z Supplier                           |
| MPQ2459GJ-AEC1-Z Price                          | MPQ2459GJ-AEC1-Z Pictures                 | MPQ2459GJ-AEC1-Z Image                              |
| MPQ2459GJ-AEC1-Z PDF Datasheet                  | MPQ2459GJ-AEC1-Z Download Datasheet       | MPQ2459GJ-AEC1-Z Datasheet                          |
| MPQ2459GJ-AEC1-Z Stock                          | Buy MPQ2459GJ-AEC1-Z                      | Buy MPS (Monolithic Power Systems) MPQ2459GJ-AEC1-Z |
| MPS (Monolithic Power Systems) MPQ2459GJ-AEC1-Z | MPS (Monolithic Power Systems) Supplier   | MPS (Monolithic Power Systems) Distributor          |
| MPS (Monolithic Power Systems) MPQ2459GJ-AEC1-Z | Monolithic Power Systems MPQ2459GJ-AEC1-Z | Monolithic Power Systems Inc. MPQ2459GJ-AEC1-Z      |
| MPS (Monolithic Power Systems) MPQ2459GJ-AEC1-Z |                                           |                                                     |

Related Products

|                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                 |
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| <div></div> <div><b>MPQ2454GQ-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: INDUSTRIAL GRADE,36V,0.6A LOW IQ<br/>In stock: 72429 pcs</div> <div>RFQ</div>         | <div></div> <div><b>MPQ2456GJ-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: INDUSTRIAL GRADE. 50V,500MA,1.2M<br/>In stock: 131984 pcs</div> <div>RFQ</div>        |
| <div></div> <div><b>MPQ2483ADQ-AEC1-LF-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: AUTOMOTIVE GRADE, 2.5A/55V PROG<br/>In stock: 38399 pcs</div> <div>RFQ</div> | <div></div> <div><b>MPQ2456GJ-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: INDUSTRIAL GRADE. 50V,500MA,1.2M<br/>In stock: 85764 pcs</div> <div>RFQ</div>         |
| <div></div> <div><b>MPQ2459GJ-AEC1-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 0.5A<br/>In stock: 79364 pcs</div> <div>RFQ</div>                | <div></div> <div><b>MPQ2459GJ-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 0.5A<br/>In stock: 121537 pcs</div> <div>RFQ</div>                    |
| <div></div> <div><b>MPQ2483</b><br/>Manufacturers: Central Semiconductor<br/>Description: TRANS 4NPN 40V<br/>In stock: 2723 pcs</div> <div>RFQ</div>                                         | <div></div> <div><b>MPQ2454GQ-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: INDUSTRIAL GRADE,36V,0.6A LOW IQ<br/>In stock: 59304 pcs</div> <div>RFQ</div>         |
| <div></div> <div><b>MPQ2483ADQ-AEC1-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: WLED DRIVER<br/>In stock: 47708 pcs</div> <div>RFQ</div>                        | <div></div> <div><b>MPQ2483ADQ-AEC1-LF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: AUTOMOTIVE GRADE, 2.5A/55V PROG<br/>In stock: 53299 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>MPQ2454GQ-AEC1-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: AUTOMOTIVE GRADE,36V,0.6A LOW IQ<br/>In stock: 64215 pcs</div> <div>RFQ</div>    | <div></div> <div><b>MPQ2459GJ-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 0.5A<br/>In stock: 47145 pcs</div> <div>RFQ</div>                     |