



MPS (Monolithic Power Systems)



Image may be representation. See specifications for product details.

MP5000ADQ-LF-Z

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MP5000ADQ-LF-Z                                                                                               |
| Manufacturer/Brand: | MPS (Monolithic Power Systems)                                                                               |
| Product description | IC CURR LIMIT SWITCH                                                                                         |
| Datasheets:         |  MP5000ADQ-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 MP5000ADQ-LF-Z

|                                  |                                                                                                        |
|----------------------------------|--------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MP5000ADQ-LF-Z                                                                                         |
| MANUFACTURER                     | MPS (Monolithic Power Systems)                                                                         |
| DESCRIPTION                      | IC CURR LIMIT SWITCH                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                             |
| DATA SHEET                       |  MP5000ADQ-LF-Z.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | Not Required                                                                                           |
| VOLTAGE - LOAD                   | 10 V ~ 18 V                                                                                            |
| SWITCH TYPE                      | General Purpose                                                                                        |
| SUPPLIER DEVICE PACKAGE          | 10-QFN (3x3)                                                                                           |
| SERIES                           | -                                                                                                      |
| RDS ON (TYP)                     | 40 mOhm                                                                                                |
| RATIO - INPUT:OUTPUT             | 1:1                                                                                                    |
| PACKAGING                        | Tape & Reel (TR)                                                                                       |
| PACKAGE / CASE                   | 10-VDFN Exposed Pad                                                                                    |
| OUTPUT TYPE                      | N-Channel                                                                                              |
| OUTPUT CONFIGURATION             | High Side                                                                                              |
| OTHER NAMES                      | 1589-1687-2<br>MP5000ADQ-LF-Z-ND                                                                       |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TJ)                                                                                     |
| NUMBER OF OUTPUTS                | 1                                                                                                      |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                          |
| MANUFACTURER STANDARD LEAD TIME  | 12 Weeks                                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                             |
| INTERFACE                        | On/Off                                                                                                 |
| INPUT TYPE                       | Non-Inverting                                                                                          |
| FEATURES                         | Slew Rate Controlled, Status Flag                                                                      |
| FAULT PROTECTION                 | Current Limiting (Adjustable), Over Temperature, Over Voltage, UVLO                                    |
| CURRENT - OUTPUT (MAX)           | 5A                                                                                                     |

Related Tags

|                                               |                                         |                                                   |
|-----------------------------------------------|-----------------------------------------|---------------------------------------------------|
| MPS (Monolithic Power Systems) MP5000ADQ-LF-Z | MP5000ADQ-LF-Z Distributor              | MP5000ADQ-LF-Z Supplier                           |
| MP5000ADQ-LF-Z Price                          | MP5000ADQ-LF-Z Pictures                 | MP5000ADQ-LF-Z Image                              |
| MP5000ADQ-LF-Z PDF Datasheet                  | MP5000ADQ-LF-Z Download Datasheet       | MP5000ADQ-LF-Z Datasheet                          |
| MP5000ADQ-LF-Z Stock                          | Buy MP5000ADQ-LF-Z                      | Buy MPS (Monolithic Power Systems) MP5000ADQ-LF-Z |
| MPS (Monolithic Power Systems) MP5000ADQ-LF-Z | MPS (Monolithic Power Systems) Supplier | MPS (Monolithic Power Systems) Distributor        |
| MPS (Monolithic Power Systems) MP5000ADQ-LF-Z | Monolithic Power Systems MP5000ADQ-LF-Z | Monolithic Power Systems Inc. MP5000ADQ-LF-Z      |
| MPS (Monolithic Power Systems) MP5000ADQ-LF-Z |                                         |                                                   |

Related Products

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| <div></div> <div><b>MP5000SDQ-LF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC CURR LIMIT SWITCH<br/>In stock: Out stock<br/><div>RFQ</div></div>            | <div></div> <div><b>MP5000DQ-LF-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: HOT SWAP VOLTAGE CONTROLLERS 12V<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>MP5000DQ-LF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: HOT SWAP VOLTAGE CONTROLLERS 12V<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>MP5002DQ-LF-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC CURR LIMIT SWITCH<br/>In stock: Out stock<br/><div>RFQ</div></div>             |
| <div></div> <div><b>MP5002000-01</b><br/>Manufacturers: Lantronix<br/>Description: MP5002000-01 EMBEDDED, DEVICE SE<br/>In stock: 176 pcs<br/><div>RFQ</div></div>                         | <div></div> <div><b>MP5001DQ-LF-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: POWER SWITCH ICS - POWER DISTRIB<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>MP5003EQ-LF-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC CURR LIMIT SWITCH<br/>In stock: Out stock<br/><div>RFQ</div></div>             | <div></div> <div><b>MP5002DQ-LF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC CURR LIMIT SWITCH<br/>In stock: Out stock<br/><div>RFQ</div></div>             |
| <div></div> <div><b>MP500200S-01</b><br/>Manufacturers: Lantronix<br/>Description: MP500200S-01 EMBEDDED, DEVICE SE<br/>In stock: Out stock<br/><div>RFQ</div></div>                       | <div></div> <div><b>MP5001DQ-LF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: HOT SWAP VOLTAGE CONTROLLERS 5V<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
| <div></div> <div><b>MP5000ADQ-LF-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC CURR LIMIT SWITCH<br/>In stock: 815 pcs<br/><div>RFQ</div></div>              | <div></div> <div><b>MP5000SDQ-LF-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC CURR LIMIT SWITCH<br/>In stock: Out stock<br/><div>RFQ</div></div>            |