

MP5000ADQ-LF-P



Part Number: [MP5000ADQ-LF-P](#)

Manufacturer: [MPS \(Monolithic Power Systems\)](#)

Description: IC CURR LIMIT SWITCH

Data sheet:

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

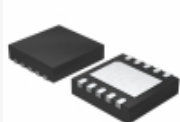
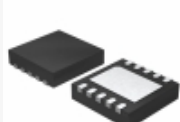
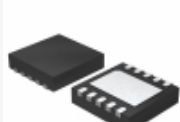
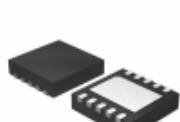
Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
Buy MP5000ADQ-LF-P with confidence from  
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Request For Quotation

| PRODUCT PARAMETER               |                                           |                                  |                                                                     |
|---------------------------------|-------------------------------------------|----------------------------------|---------------------------------------------------------------------|
| Part Number                     | MP5000ADQ-LF-P                            | Manufacturer                     | <a href="#">MPS (Monolithic Power Systems)</a>                      |
| Description                     | IC CURR LIMIT SWITCH                      | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                          |
| Quantity Available              | 82950 pcs                                 | Data sheet                       |                                                                     |
| Category                        | <a href="#">Integrated Circuits (ICs)</a> | 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                       | Cut Tape (CT)                             | Package / Case                   | 10-VDFN Exposed Pad                                                 |
| Output Type                     | N-Channel                                 | Output Configuration             | High Side                                                           |
| Other Names                     | 1589-1188-1                               | Operating Temperature            | -40°C ~ 125°C (TJ)                                                  |
| Number of Outputs               | 1                                         | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                       |
| Manufacturer Standard Lead Time | 16 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                                        |                                  |                                                                     |

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|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|------------------------------------------------------------------|----------------|
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|  | Part#: <a href="#">MP5002DQ-LF-Z</a><br>Description: IC CURR LIMIT SWITCH             | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a>    | <div>RFQ</div> |
|  | Part#: <a href="#">MP5000DQ-LF-Z</a><br>Description: HOT SWAP VOLTAGE CONTROLLERS 12V | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a>    | <div>RFQ</div> |
|  | Part#: <a href="#">MP5000ADQ-LF-Z</a><br>Description: IC CURR LIMIT SWITCH            | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a>    | <div>RFQ</div> |
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|  | Part#: <a href="#">MP5002000-01</a><br>Description: MP5002000-01 EMBEDDED, DEVICE SE  | Manufacturers: <a href="#">Lantronix</a>                         | <div>RFQ</div> |
|  | Part#: <a href="#">MP5003EQ-LF-P</a><br>Description: IC CURR LIMIT SWITCH             | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a>    | <div>RFQ</div> |
|  | Part#: <a href="#">MP5005W-BP</a><br>Description: RECT BRIDGE 50A 50V WIRE LEADS      | Manufacturers: <a href="#">Micro Commercial Components (MCC)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MP5005-BP</a><br>Description: RECT BRIDGE 50A 50V TAB              | Manufacturers: <a href="#">Micro Commercial Components (MCC)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MP5000SDQ-LF-P</a><br>Description: IC CURR LIMIT SWITCH            | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a>    | <div>RFQ</div> |
|  | Part#: <a href="#">MP5007DQ-LF-Z</a><br>Description: POWER SWITCH ICS - POWER DISTRIB | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a>    | <div>RFQ</div> |
|  | Part#: <a href="#">MP5000SDQ-LF-Z</a><br>Description: IC CURR LIMIT SWITCH            | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a>    | <div>RFQ</div> |
|  | Part#: <a href="#">MP5001DQ-LF-Z</a><br>Description: HOT SWAP VOLTAGE CONTROLLERS 5V  | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a>    | <div>RFQ</div> |

Related keywords for MP5000ADQ-LF-P

|                                               |                                         |                                              |                                               |
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