



MPS (Monolithic Power Systems)

MP20045DQ-25-LF-Z

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| Part Number: | MP20045DQ-25-LF-Z |
| Manufacturer/Brand: | MPS (Monolithic Power Systems) |
| Product description: | IC REG LINEAR 2.5V 1A 8QFN |
| Datasheets: | |
| RoHS Status: | Lead free / RoHS Compliant |
| Stock Condition: | 167222 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 MP20045DQ-25-LF-Z

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|----------------------------------|---|
| PART NUMBER | MP20045DQ-25-LF-Z |
| MANUFACTURER | MPS (Monolithic Power Systems) |
| DESCRIPTION | IC REG LINEAR 2.5V 1A 8QFN |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant |
| QUANTITY AVAILABLE | 167222 pcs |
| DATA SHEET | |
| VOLTAGE DROPOUT (MAX) | 0.28V @ 1A |
| VOLTAGE - OUTPUT (MIN/FIXED) | 2.5V |
| VOLTAGE - OUTPUT (MAX) | - |
| VOLTAGE - INPUT (MAX) | 5.5V |
| SUPPLIER DEVICE PACKAGE | 8-QFN (3x3) |
| SERIES | - |
| PROTECTION FEATURES | Over Current, Over Temperature |
| PACKAGING | Tape & Reel (TR) |
| PACKAGE / CASE | 8-VDFN Exposed Pad |
| PSRR | 56dB (1kHz) |
| OUTPUT TYPE | Fixed |
| OUTPUT CONFIGURATION | Positive |
| OPERATING TEMPERATURE | -40°C ~ 125°C |
| NUMBER OF REGULATORS | 1 |
| MOUNTING TYPE | Surface Mount |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited) |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant |
| DETAILED DESCRIPTION | Linear Voltage Regulator IC Positive Fixed 1 Output 2.5V 1A 8-QFN (3x3) |
| CURRENT - QUIESCENT (IQ) | 110µA |
| CURRENT - OUTPUT | 1A |
| CONTROL FEATURES | Enable, Power Good |

Related Tags

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| MPS (Monolithic Power Systems) MP20045DQ-25-LF-Z | MP20045DQ-25-LF-Z Distributor | MP20045DQ-25-LF-Z Supplier |
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| MPS (Monolithic Power Systems) MP20045DQ-25-LF-Z | | |

Related Products

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| <p>MP20045DN-LF-Z Manufacturers: MPS (Monolithic Power Systems) Description: IC REG LINEAR POS ADJ 1A 8SOIC In stock: 222394 pcs</p> <p>RFQ</p> | <p>MP20045DQ-LF-P Manufacturers: MPS (Monolithic Power Systems) Description: IC REG LINEAR POS ADJ 1A 8QFN In stock: 104101 pcs</p> <p>RFQ</p> |
| <p>MP20045DQ-33-LF-Z Manufacturers: MPS (Monolithic Power Systems) Description: IC REG LINEAR 3.3V 1A 8QFN In stock: 179065 pcs</p> <p>RFQ</p> | <p>MP20045DQ-18-LF-P Manufacturers: MPS (Monolithic Power Systems) Description: IC REG LINEAR 1.8V 1A 8QFN In stock: 51753 pcs</p> <p>RFQ</p> |
| <p>MP20045DQ-LF-Z Manufacturers: MPS (Monolithic Power Systems) Description: IC REG LINEAR POS ADJ 1A 8QFN In stock: 205269 pcs</p> <p>RFQ</p> | <p>MP20045DQ-33-LF-P Manufacturers: MPS (Monolithic Power Systems) Description: IC REG LINEAR 3.3V 1A 8QFN In stock: 110167 pcs</p> <p>RFQ</p> |
| <p>MP20045DQ-15-LF-P Manufacturers: MPS (Monolithic Power Systems) Description: IC REG LINEAR 1.5V 1A 8QFN In stock: 111302 pcs</p> <p>RFQ</p> | <p>MP20045DQ-15-LF-Z Manufacturers: MPS (Monolithic Power Systems) Description: IC REG LINEAR 1.5V 1A 8QFN In stock: 209988 pcs</p> <p>RFQ</p> |
| <p>MP20045DQ-18-LF-Z Manufacturers: MPS (Monolithic Power Systems) Description: IC REG LINEAR 1.8V 1A 8QFN In stock: 182074 pcs</p> <p>RFQ</p> | <p>MP20046DN-F-LF Manufacturers: MPS (Monolithic Power Systems) Description: IC REG LINEAR 1.5V 2A 8SOIC In stock: 50592 pcs</p> <p>RFQ</p> |
| <p>MP20046DN-F-LF-Z Manufacturers: MPS (Monolithic Power Systems) Description: IC REG LINEAR 1.5V 2A 8SOIC In stock: 105036 pcs</p> <p>RFQ</p> | <p>MP20045DQ-25-LF-P Manufacturers: MPS (Monolithic Power Systems) Description: IC REG LINEAR 2.5V 1A 8QFN In stock: 98032 pcs</p> <p>RFQ</p> |