



MPS (Monolithic Power Systems)



MP2315SGJ-Z

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MP2315SGJ-Z                                                                                                  |
| Manufacturer/Brand: | MPS (Monolithic Power Systems)                                                                               |
| Product description | 3A, 24V, 500KHZ, HIGH-EFFICIENCY                                                                             |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 89950 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

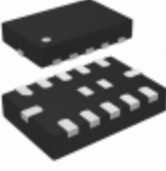
Specifications of MP2315SGJ-Z

|                                  |                                                                  |
|----------------------------------|------------------------------------------------------------------|
| PART NUMBER                      | MP2315SGJ-Z                                                      |
| MANUFACTURER                     | MPS (Monolithic Power Systems)                                   |
| DESCRIPTION                      | 3A, 24V, 500KHZ, HIGH-EFFICIENCY                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                       |
| QUANTITY AVAILABLE               | 89950 pcs                                                        |
| DATA SHEET                       |                                                                  |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 0.8V                                                             |
| VOLTAGE - OUTPUT (MAX)           | 22.8V                                                            |
| VOLTAGE - INPUT (MIN)            | 4.5V                                                             |
| VOLTAGE - INPUT (MAX)            | 24V                                                              |
| TOPOLOGY                         | Buck                                                             |
| SYNCHRONOUS RECTIFIER            | Yes                                                              |
| SERIES                           | -                                                                |
| PACKAGING                        | Tape & Reel (TR)                                                 |
| OUTPUT TYPE                      | Adjustable                                                       |
| OUTPUT CONFIGURATION             | Positive                                                         |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TJ)                                               |
| NUMBER OF OUTPUTS                | 1                                                                |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                       |
| FUNCTION                         | Step-Down                                                        |
| FREQUENCY - SWITCHING            | 500kHz                                                           |
| DETAILED DESCRIPTION             | Buck Switching Regulator IC Positive Adjustable 0.8V 1 Output 3A |
| CURRENT - OUTPUT                 | 3A                                                               |

Related Tags

|                                            |                                         |                                                |
|--------------------------------------------|-----------------------------------------|------------------------------------------------|
| MPS (Monolithic Power Systems) MP2315SGJ-Z | MP2315SGJ-Z Distributor                 | MP2315SGJ-Z Supplier                           |
| MP2315SGJ-Z Price                          | MP2315SGJ-Z Pictures                    | MP2315SGJ-Z Image                              |
| MP2315SGJ-Z PDF Datasheet                  | MP2315SGJ-Z Download Datasheet          | MP2315SGJ-Z Datasheet                          |
| MP2315SGJ-Z Stock                          | Buy MP2315SGJ-Z                         | Buy MPS (Monolithic Power Systems) MP2315SGJ-Z |
| MPS (Monolithic Power Systems) MP2315SGJ-Z | MPS (Monolithic Power Systems) Supplier | MPS (Monolithic Power Systems) Distributor     |
| MPS (Monolithic Power Systems) MP2315SGJ-Z | Monolithic Power Systems MP2315SGJ-Z    | Monolithic Power Systems Inc. MP2315SGJ-Z      |
| MPS (Monolithic Power Systems) MP2315SGJ-Z |                                         |                                                |

Related Products

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| <div></div> <div><b>MP2314SGJ-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: 2A, 24V, 500KHZ, HIGH-EFFICIENCY<br/>In stock: 48793 pcs</div> <div>RFQ</div> | <div></div> <div><b>MP2317GJ-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: 26V, 1A, 600KHZ, HIGH-EFFICIENCY<br/>In stock: 105049 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>MP2318GJ-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 2A SYNC<br/>In stock: 90726 pcs</div> <div>RFQ</div>           | <div></div> <div><b>MP2315SGJ-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: 3A, 24V, 500KHZ, HIGH-EFFICIENCY<br/>In stock: 61141 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>MP2314SGJ-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: 2A, 24V, 500KHZ, HIGH-EFFICIENCY<br/>In stock: 73446 pcs</div> <div>RFQ</div> | <div></div> <div><b>MP2315GJ-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 3A SYNC<br/>In stock: 80704 pcs</div> <div>RFQ</div>           |
| <div></div> <div><b>MP2315GJ-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 3A SYNC<br/>In stock: 62772 pcs</div> <div>RFQ</div>           | <div></div> <div><b>MP2317GJ-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: 26V, 1A, 600KHZ, HIGH-EFFICIENCY<br/>In stock: 54967 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>MP2318GJ-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 2A SYNC<br/>In stock: 34798 pcs</div> <div>RFQ</div>           | <div></div> <div><b>MP2316GD-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 3A SYNC<br/>In stock: 28041 pcs</div> <div>RFQ</div>           |
| <div></div> <div><b>MP2314GJ-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 2A SYNC<br/>In stock: 93993 pcs</div> <div>RFQ</div>           | <div></div> <div><b>MP2316GD-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 3A SYNC<br/>In stock: 66068 pcs</div> <div>RFQ</div>           |