



MPS (Monolithic Power Systems)



MP3414DJ-LF-P

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MP3414DJ-LF-P                                                                                                |
| Manufacturer/Brand: | MPS (Monolithic Power Systems)                                                                               |
| Product description | IC REG BOOST ADJ 1.5A SYNC                                                                                   |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 78356 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 MP3414DJ-LF-P

|                                  |                                                                                                       |
|----------------------------------|-------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MP3414DJ-LF-P                                                                                         |
| MANUFACTURER                     | MPS (Monolithic Power Systems)                                                                        |
| DESCRIPTION                      | IC REG BOOST ADJ 1.5A SYNC                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                            |
| QUANTITY AVAILABLE               | 78356 pcs                                                                                             |
| DATA SHEET                       |                                                                                                       |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 1.8V                                                                                                  |
| VOLTAGE - OUTPUT (MAX)           | 4V                                                                                                    |
| VOLTAGE - INPUT (MIN)            | 0.6V                                                                                                  |
| VOLTAGE - INPUT (MAX)            | 4V                                                                                                    |
| TOPOLOGY                         | Boost                                                                                                 |
| SYNCHRONOUS RECTIFIER            | Yes                                                                                                   |
| SUPPLIER DEVICE PACKAGE          | TSOT-23-8                                                                                             |
| SERIES                           | -                                                                                                     |
| PACKAGING                        | Tape & Reel (TR)                                                                                      |
| PACKAGE / CASE                   | SOT-23-8 Thin, TSOT-23-8                                                                              |
| OUTPUT TYPE                      | Adjustable                                                                                            |
| OUTPUT CONFIGURATION             | Positive                                                                                              |
| OTHER NAMES                      | 1589-1168-2                                                                                           |
| 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-Up                                                                                               |
| FREQUENCY - SWITCHING            | 1MHz                                                                                                  |
| DETAILED DESCRIPTION             | Boost Switching Regulator IC Positive Adjustable 1.8V 1 Output 1.5A (Switch) SOT-23-8 Thin, TSOT-23-8 |
| CURRENT - OUTPUT                 | 1.5A (Switch)                                                                                         |

Related Tags

|                                              |                                         |                                                  |
|----------------------------------------------|-----------------------------------------|--------------------------------------------------|
| MPS (Monolithic Power Systems) MP3414DJ-LF-P | MP3414DJ-LF-P Distributor               | MP3414DJ-LF-P Supplier                           |
| MP3414DJ-LF-P Price                          | MP3414DJ-LF-P Pictures                  | MP3414DJ-LF-P Image                              |
| MP3414DJ-LF-P PDF Datasheet                  | MP3414DJ-LF-P Download Datasheet        | MP3414DJ-LF-P Datasheet                          |
| MP3414DJ-LF-P Stock                          | Buy MP3414DJ-LF-P                       | Buy MPS (Monolithic Power Systems) MP3414DJ-LF-P |
| MPS (Monolithic Power Systems) MP3414DJ-LF-P | MPS (Monolithic Power Systems) Supplier | MPS (Monolithic Power Systems) Distributor       |
| MPS (Monolithic Power Systems) MP3414DJ-LF-P | Monolithic Power Systems MP3414DJ-LF-P  | Monolithic Power Systems Inc. MP3414DJ-LF-P      |
| MPS (Monolithic Power Systems) MP3414DJ-LF-P |                                         |                                                  |

Related Products

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| <div></div> <div><b>MP3414DJ-LF-ZX</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BOOST ADJ 1.5A SYNC<br/>In stock: 41015 pcs</div> <div>RFQ</div>     | <div></div> <div><b>MP3414DJ-LF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BOOST ADJ 1.5A SYNC<br/>In stock: 122827 pcs</div> <div>RFQ</div>    |
| <div></div> <div><b>MP3412EJ-LF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC LED DRIVER<br/>In stock: 98016 pcs</div> <div>RFQ</div>                   | <div></div> <div><b>MP3414AGJ-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: 3A,1.8V-5.5V,22UA IQ,1MHZ,SYNCHR<br/>In stock: 79401 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>MP3415GG-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: 3.6A, 1MHZ, SYNCHRONOUS, STEP-UP<br/>In stock: 127143 pcs</div> <div>RFQ</div>  | <div></div> <div><b>MP3416GJ-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: 1A,LOW QUIESCENT CURRENT, STEP-U<br/>In stock: 68649 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>MP3410DJ-LF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BOOST ADJ 1.3A SYNC<br/>In stock: 34734 pcs</div> <div>RFQ</div>      | <div></div> <div><b>MP3412EJ-LF-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC LED DRIVER<br/>In stock: 39734 pcs</div> <div>RFQ</div>                  |
| <div></div> <div><b>MP3415GG-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: 3.6A, 1MHZ, SYNCHRONOUS, STEP-UP<br/>In stock: 77224 pcs</div> <div>RFQ</div>   | <div></div> <div><b>MP3416GJ-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: 1A,LOW QUIESCENT CURRENT, STEP-U<br/>In stock: 132077 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>MP3414AGJ-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: 3A,1.8V-5.5V,22UA IQ,1MHZ,SYNCHR<br/>In stock: 125192 pcs</div> <div>RFQ</div> | <div></div> <div><b>MP3410DJ-LF-ZX</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BOOST ADJ 1.3A SYNC<br/>In stock: 40639 pcs</div> <div>RFQ</div>    |