



MPS (Monolithic Power Systems)



Image may be representation. See specifications for product details.

MP2378DS-LF

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MP2378DS-LF                                                                                                  |
| Manufacturer/Brand: | MPS (Monolithic Power Systems)                                                                               |
| Product description | IC REG BUCK ADJ 2A SYNC                                                                                      |
| Datasheets:         |  MP2378DS-LF.pdf            |
| RoHS Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

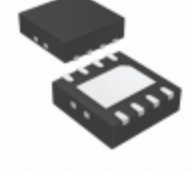
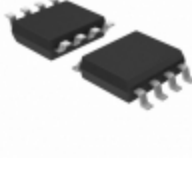
Specifications of MP2378DS-LF

|                                  |                                                                                                     |
|----------------------------------|-----------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MP2378DS-LF                                                                                         |
| MANUFACTURER                     | MPS (Monolithic Power Systems)                                                                      |
| DESCRIPTION                      | IC REG BUCK ADJ 2A SYNC                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                          |
| DATA SHEET                       |  MP2378DS-LF.pdf |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 0.92V                                                                                               |
| VOLTAGE - OUTPUT (MAX)           | 16V                                                                                                 |
| VOLTAGE - INPUT (MIN)            | 4.75V                                                                                               |
| VOLTAGE - INPUT (MAX)            | 30V                                                                                                 |
| TOPOLOGY                         | Buck                                                                                                |
| SYNCHRONOUS RECTIFIER            | Yes                                                                                                 |
| SUPPLIER DEVICE PACKAGE          | 8-SOIC                                                                                              |
| SERIES                           | -                                                                                                   |
| PACKAGING                        | Tube                                                                                                |
| PACKAGE / CASE                   | 8-SOIC (0.154", 3.90mm Width)                                                                       |
| OUTPUT TYPE                      | Adjustable                                                                                          |
| OUTPUT CONFIGURATION             | Positive                                                                                            |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                   |
| NUMBER OF OUTPUTS                | 1                                                                                                   |
| MOUNTING TYPE                    | Surface Mount                                                                                       |
| MOISTURE SENSITIVITY LEVEL (MSL) | 2 (1 Year)                                                                                          |
| MANUFACTURER STANDARD LEAD TIME  | 18 Weeks                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                          |
| FUNCTION                         | Step-Down                                                                                           |
| FREQUENCY - SWITCHING            | 385kHz                                                                                              |
| DETAILED DESCRIPTION             | Buck Switching Regulator IC Positive Adjustable 0.92V 1 Output 2A 8-SOIC (0.154", 3.90mm Width)     |
| CURRENT - OUTPUT                 | 2A                                                                                                  |

Related Tags

|                                            |                                         |                                                |
|--------------------------------------------|-----------------------------------------|------------------------------------------------|
| MPS (Monolithic Power Systems) MP2378DS-LF | MP2378DS-LF Distributor                 | MP2378DS-LF Supplier                           |
| MP2378DS-LF Price                          | MP2378DS-LF Pictures                    | MP2378DS-LF Image                              |
| MP2378DS-LF PDF Datasheet                  | MP2378DS-LF Download Datasheet          | MP2378DS-LF Datasheet                          |
| MP2378DS-LF Stock                          | Buy MP2378DS-LF                         | Buy MPS (Monolithic Power Systems) MP2378DS-LF |
| MPS (Monolithic Power Systems) MP2378DS-LF | MPS (Monolithic Power Systems) Supplier | MPS (Monolithic Power Systems) Distributor     |
| MPS (Monolithic Power Systems) MP2378DS-LF | Monolithic Power Systems MP2378DS-LF    | Monolithic Power Systems Inc. MP2378DS-LF      |
| MPS (Monolithic Power Systems) MP2378DS-LF |                                         |                                                |

Related Products

|                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                             |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MP2370DJ-LF-ZX</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC LED DRIVER<br/>In stock: Out stock<br/>RFQ</div>                  |  <div><b>MP2365DN-LF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 3A<br/>In stock: 463 pcs<br/>RFQ</div>     |
|  <div><b>MP2388GQEU-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: HIGH EFFICIENCY 1A, 21V, 2MHZ SY<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>MP2380DN-LF</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 5A<br/>In stock: 71 pcs<br/>RFQ</div>        |
|  <div><b>MP2370DJ-LF-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC LED DRIVER<br/>In stock: Out stock<br/>RFQ</div>                   |  <div><b>MP2371DG-LF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 1.8A<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>MP2371DG-LF-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 1.8A<br/>In stock: Out stock<br/>RFQ</div>            |  <div><b>MP2370DJ-LF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC LED DRIVER<br/>In stock: Out stock<br/>RFQ</div>        |
|  <div><b>MP2378DS-LF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 2A SYNC<br/>In stock: Out stock<br/>RFQ</div>         |  <div><b>MP2380DN-LF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 5A<br/>In stock: Out stock<br/>RFQ</div>   |
|  <div><b>MP2388GQEU-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: HIGH EFFICIENCY 1A, 21V, 2MHZ SY<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>MP23AB01DHTR</b><br/>Manufacturers: STMicroelectronics<br/>Description: MIC MEMS ANALOG OMNI -38DB<br/>In stock: Out stock<br/>RFQ</div>        |