



MPS (Monolithic Power Systems)



Image may be representation. See specifications for product details.

MP2380DN-LF-Z

|                     |                                                                                                                     |
|---------------------|---------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MP2380DN-LF-Z                                                                                                       |
| Manufacturer/Brand: | MPS (Monolithic Power Systems)                                                                                      |
| Product description | IC REG BUCK ADJ 5A                                                                                                  |
| Datasheets:         |  <a href="#">MP2380DN-LF-Z.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant        |
| Ship From           | Hong Kong                                                                                                           |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                               |

REQUEST FOR QUOTATION

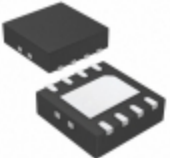
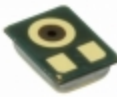
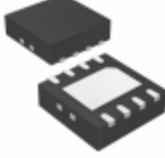
Specifications of MP2380DN-LF-Z

|                                  |                                                                                                                       |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MP2380DN-LF-Z                                                                                                         |
| MANUFACTURER                     | MPS (Monolithic Power Systems)                                                                                        |
| DESCRIPTION                      | IC REG BUCK ADJ 5A                                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                            |
| DATA SHEET                       |  <a href="#">MP2380DN-LF-Z.pdf</a> |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 0.8V                                                                                                                  |
| VOLTAGE - OUTPUT (MAX)           | 18.9V                                                                                                                 |
| VOLTAGE - INPUT (MIN)            | 4.5V                                                                                                                  |
| VOLTAGE - INPUT (MAX)            | 21V                                                                                                                   |
| TOPOLOGY                         | Buck                                                                                                                  |
| SYNCHRONOUS RECTIFIER            | No                                                                                                                    |
| SUPPLIER DEVICE PACKAGE          | 8-SOICE                                                                                                               |
| SERIES                           | -                                                                                                                     |
| PACKAGING                        | Tape & Reel (TR)                                                                                                      |
| PACKAGE / CASE                   | 8-SOIC (0.154", 3.90mm Width) Exposed Pad                                                                             |
| 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) | 2A (4 Weeks)                                                                                                          |
| MANUFACTURER STANDARD LEAD TIME  | 12 Weeks                                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                            |
| FUNCTION                         | Step-Down                                                                                                             |
| FREQUENCY - SWITCHING            | 600kHz                                                                                                                |
| DETAILED DESCRIPTION             | Buck Switching Regulator IC Positive Adjustable 0.8V 1 Output 5A 8-SOIC (0.154", 3.90mm Width) Exposed Pad            |
| CURRENT - OUTPUT                 | 5A                                                                                                                    |

Related Tags

|                                              |                                         |                                                  |
|----------------------------------------------|-----------------------------------------|--------------------------------------------------|
| MPS (Monolithic Power Systems) MP2380DN-LF-Z | MP2380DN-LF-Z Distributor               | MP2380DN-LF-Z Supplier                           |
| MP2380DN-LF-Z Price                          | MP2380DN-LF-Z Pictures                  | MP2380DN-LF-Z Image                              |
| MP2380DN-LF-Z PDF Datasheet                  | MP2380DN-LF-Z Download Datasheet        | MP2380DN-LF-Z Datasheet                          |
| MP2380DN-LF-Z Stock                          | Buy MP2380DN-LF-Z                       | Buy MPS (Monolithic Power Systems) MP2380DN-LF-Z |
| MPS (Monolithic Power Systems) MP2380DN-LF-Z | MPS (Monolithic Power Systems) Supplier | MPS (Monolithic Power Systems) Distributor       |
| MPS (Monolithic Power Systems) MP2380DN-LF-Z | Monolithic Power Systems MP2380DN-LF-Z  | Monolithic Power Systems Inc. MP2380DN-LF-Z      |
| MPS (Monolithic Power Systems) MP2380DN-LF-Z |                                         |                                                  |

Related Products

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| <div></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/><div>RFQ</div></div> | <div></div> <div><b>MP2370DJ-LF-ZX</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC LED DRIVER<br/>In stock: Out stock<br/><div>RFQ</div></div>          |
| <div></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/><div>RFQ</div></div> | <div></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/><div>RFQ</div></div>    |
| <div></div> <div><b>MP2378DS-LF</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 2A SYNC<br/>In stock: Out stock<br/><div>RFQ</div></div>           | <div></div> <div><b>MP23AB01DMTR</b><br/>Manufacturers: STMicroelectronics<br/>Description: MIC MEMS ANALOG OMNI -38DB<br/>In stock: Out stock<br/><div>RFQ</div></div>           |
| <div></div> <div><b>MP23AB01DHTR</b><br/>Manufacturers: STMicroelectronics<br/>Description: MIC MEMS ANALOG OMNI -38DB<br/>In stock: Out stock<br/><div>RFQ</div></div>                   | <div></div> <div><b>MP23AB02BTR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MEMS AUDIO SENSOR 3RHLGA<br/>In stock: 128 pcs<br/><div>RFQ</div></div>             |
| <div></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/><div>RFQ</div></div>            | <div></div> <div><b>MP23AB01DM</b><br/>Manufacturers: STMicroelectronics<br/>Description: MIC MEMS ANALOG OMNI -38DB<br/>In stock: Out stock<br/><div>RFQ</div></div>             |
| <div></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/><div>RFQ</div></div>                   | <div></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/><div>RFQ</div></div> |