



MPS (Monolithic Power Systems)



Image may be representation. See specifications for product details.

MP1580HP-LF

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MP1580HP-LF                                                                                                  |
| Manufacturer/Brand: | MPS (Monolithic Power Systems)                                                                               |
| Product description | IC REG BUCK ADJ 2A SYNC                                                                                      |
| Datasheets:         |  MP1580HP-LF.pdf            |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

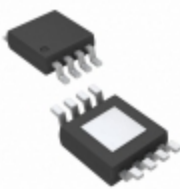
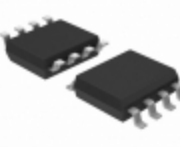
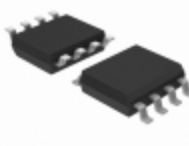
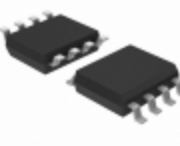
Specifications of MP1580HP-LF

|                                  |                                                                                                     |
|----------------------------------|-----------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MP1580HP-LF                                                                                         |
| MANUFACTURER                     | MPS (Monolithic Power Systems)                                                                      |
| DESCRIPTION                      | IC REG BUCK ADJ 2A SYNC                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                          |
| DATA SHEET                       |  MP1580HP-LF.pdf |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 1.22V                                                                                               |
| VOLTAGE - OUTPUT (MAX)           | 21V                                                                                                 |
| VOLTAGE - INPUT (MIN)            | 4.75V                                                                                               |
| VOLTAGE - INPUT (MAX)            | 25V                                                                                                 |
| TOPOLOGY                         | Buck                                                                                                |
| SYNCHRONOUS RECTIFIER            | Yes                                                                                                 |
| SUPPLIER DEVICE PACKAGE          | 8-PDIP                                                                                              |
| SERIES                           | -                                                                                                   |
| PACKAGING                        | Tube                                                                                                |
| PACKAGE / CASE                   | 8-DIP (0.300", 7.62mm)                                                                              |
| OUTPUT TYPE                      | Adjustable                                                                                          |
| OUTPUT CONFIGURATION             | Positive                                                                                            |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TJ)                                                                                  |
| NUMBER OF OUTPUTS                | 1                                                                                                   |
| MOUNTING TYPE                    | Through Hole                                                                                        |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                          |
| FUNCTION                         | Step-Down                                                                                           |
| FREQUENCY - SWITCHING            | 380kHz                                                                                              |
| DETAILED DESCRIPTION             | Buck Switching Regulator IC Positive Adjustable 1.22V 1 Output 2A 8-DIP (0.300", 7.62mm)            |
| CURRENT - OUTPUT                 | 2A                                                                                                  |

Related Tags

|                                            |                                         |                                                |
|--------------------------------------------|-----------------------------------------|------------------------------------------------|
| MPS (Monolithic Power Systems) MP1580HP-LF | MP1580HP-LF Distributor                 | MP1580HP-LF Supplier                           |
| MP1580HP-LF Price                          | MP1580HP-LF Pictures                    | MP1580HP-LF Image                              |
| MP1580HP-LF PDF Datasheet                  | MP1580HP-LF Download Datasheet          | MP1580HP-LF Datasheet                          |
| MP1580HP-LF Stock                          | Buy MP1580HP-LF                         | Buy MPS (Monolithic Power Systems) MP1580HP-LF |
| MPS (Monolithic Power Systems) MP1580HP-LF | MPS (Monolithic Power Systems) Supplier | MPS (Monolithic Power Systems) Distributor     |
| MPS (Monolithic Power Systems) MP1580HP-LF | Monolithic Power Systems MP1580HP-LF    | Monolithic Power Systems Inc. MP1580HP-LF      |
| MPS (Monolithic Power Systems) MP1580HP-LF |                                         |                                                |

Related Products

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| <div></div> <div><b>MP1582EN-LF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK 28V 2A<br/>In stock: Out stock<br/><div>RFQ</div></div>         | <div></div> <div><b>MP1583DN-LF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 3A SYNC<br/>In stock: Out stock<br/><div>RFQ</div></div>      |
| <div></div> <div><b>MP157GJ-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK 2W<br/>In stock: Out stock<br/><div>RFQ</div></div>                 | <div></div> <div><b>MP156GS-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: SMALL, ENERGY-EFFICIENT, OFF-LIN<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>MP156GS</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: SMALL, ENERGY-EFFICIENT, OFF-LIN<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>MP1580HS-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>MP157GJ-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK W<br/>In stock: Out stock<br/><div>RFQ</div></div>                  | <div></div> <div><b>MP157GS-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK W<br/>In stock: Out stock<br/><div>RFQ</div></div>                    |
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