



MPS (Monolithic Power Systems)

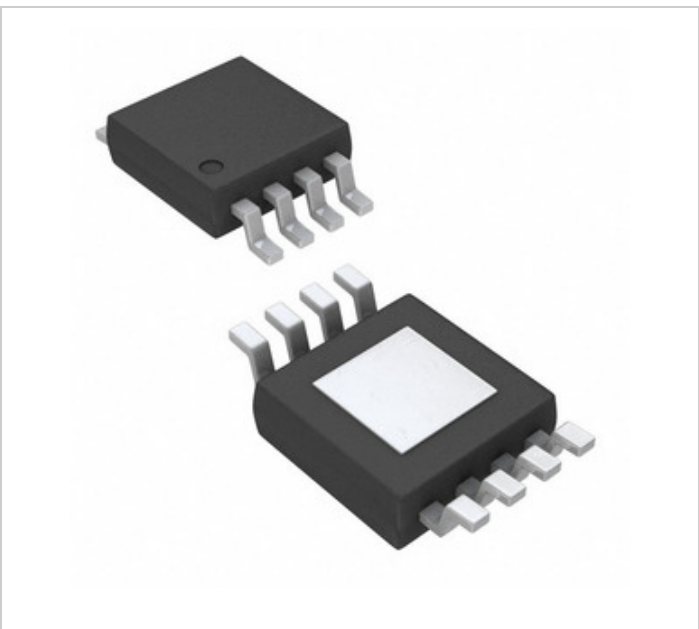


Image may be representation. See specifications for product details.

MP4688DN-LF-Z

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MP4688DN-LF-Z                                                                                                |
| Manufacturer/Brand: | MPS (Monolithic Power Systems)                                                                               |
| Product description | IC REG BUCK SYNC 80V 1A                                                                                      |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 66313 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

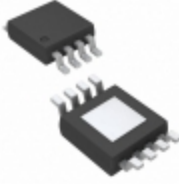
Specifications of MP4688DN-LF-Z

|                                  |                                                                                |
|----------------------------------|--------------------------------------------------------------------------------|
| PART NUMBER                      | MP4688DN-LF-Z                                                                  |
| MANUFACTURER                     | MPS (Monolithic Power Systems)                                                 |
| DESCRIPTION                      | IC REG BUCK SYNC 80V 1A                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                     |
| QUANTITY AVAILABLE               | 66313 pcs                                                                      |
| DATA SHEET                       |                                                                                |
| VOLTAGE - SUPPLY (MIN)           | 4.5V                                                                           |
| VOLTAGE - SUPPLY (MAX)           | 75V                                                                            |
| VOLTAGE - OUTPUT                 | -                                                                              |
| TYPE                             | DC DC Regulator                                                                |
| TOPOLOGY                         | Step-Down (Buck)                                                               |
| SUPPLIER DEVICE PACKAGE          | 8-SOICE                                                                        |
| SERIES                           | -                                                                              |
| PACKAGING                        | Tape & Reel (TR)                                                               |
| PACKAGE / CASE                   | 8-SOIC (0.154", 3.90mm Width) Exposed Pad                                      |
| OTHER NAMES                      | 1589-1684-2<br>MP4688DN-LF-Z-ND                                                |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                              |
| NUMBER OF OUTPUTS                | 1                                                                              |
| MOUNTING TYPE                    | Surface Mount                                                                  |
| MOISTURE SENSITIVITY LEVEL (MSL) | 2A (4 Weeks)                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                     |
| INTERNAL SWITCH(S)               | Yes                                                                            |
| FREQUENCY                        | 2MHz                                                                           |
| DIMMING                          | PWM                                                                            |
| DETAILED DESCRIPTION             | LED Driver IC 1 Output DC DC Regulator Step-Down (Buck) PWM Dimming 1A 8-SOICE |
| CURRENT - OUTPUT / CHANNEL       | 1A                                                                             |
| APPLICATIONS                     | Automotive, Lighting                                                           |

Related Tags

|                                              |                                         |                                                  |
|----------------------------------------------|-----------------------------------------|--------------------------------------------------|
| MPS (Monolithic Power Systems) MP4688DN-LF-Z | MP4688DN-LF-Z Distributor               | MP4688DN-LF-Z Supplier                           |
| MP4688DN-LF-Z Price                          | MP4688DN-LF-Z Pictures                  | MP4688DN-LF-Z Image                              |
| MP4688DN-LF-Z PDF Datasheet                  | MP4688DN-LF-Z Download Datasheet        | MP4688DN-LF-Z Datasheet                          |
| MP4688DN-LF-Z Stock                          | Buy MP4688DN-LF-Z                       | Buy MPS (Monolithic Power Systems) MP4688DN-LF-Z |
| MPS (Monolithic Power Systems) MP4688DN-LF-Z | MPS (Monolithic Power Systems) Supplier | MPS (Monolithic Power Systems) Distributor       |
| MPS (Monolithic Power Systems) MP4688DN-LF-Z | Monolithic Power Systems MP4688DN-LF-Z  | Monolithic Power Systems Inc. MP4688DN-LF-Z      |
| MPS (Monolithic Power Systems) MP4688DN-LF-Z |                                         |                                                  |

Related Products

|                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                            |
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| <div></div> <div><b>MP4653GY-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC LED DRIVER<br/>In stock: 55608 pcs<br/><div>RFQ</div></div>                     | <div></div> <div><b>MP46885DN-LF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC LED DRIVER<br/>In stock: 69704 pcs<br/><div>RFQ</div></div>                |
| <div></div> <div><b>MP4689DN-LF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC LED DRIVER<br/>In stock: 58480 pcs<br/><div>RFQ</div></div>                  | <div></div> <div><b>MP4690GSD-LF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC LED DRIVER<br/>In stock: 500567 pcs<br/><div>RFQ</div></div>               |
| <div></div> <div><b>MP4689AGN</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: 100V INPUT, 1A, HIGH-POWER LED D<br/>In stock: 27791 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>MP4689DN-LF</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC LED DRIVER<br/>In stock: 29675 pcs<br/><div>RFQ</div></div>                   |
| <div></div> <div><b>MP4690GSD-LF-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC LED DRIVER<br/>In stock: 195510 pcs<br/><div>RFQ</div></div>                | <div></div> <div><b>MP46885DN-LF</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC LED DRIVER<br/>In stock: 48299 pcs<br/><div>RFQ</div></div>                  |
| <div></div> <div><b>MP4689AGN-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: 100V INPUT, 1A, HIGH-POWER LED D<br/>In stock: 66538 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>MP4688DN-LF</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK SYNC 80V 1A<br/>In stock: 29181 pcs<br/><div>RFQ</div></div>         |
| <div></div> <div><b>MP4655GY</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: PURE, SINGLE-STAGE, LLC, LED CUR<br/>In stock: 35854 pcs<br/><div>RFQ</div></div>    | <div></div> <div><b>MP4655GY-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: PURE, SINGLE-STAGE, LLC, LED CUR<br/>In stock: 45924 pcs<br/><div>RFQ</div></div> |