



MPS (Monolithic Power Systems)



MP4012DS-LF

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MP4012DS-LF                                                                                                  |
| Manufacturer/Brand: | MPS (Monolithic Power Systems)                                                                               |
| Product description | IC LED DRIVER                                                                                                |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 41192 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of MP4012DS-LF

|                                  |                                                                                                              |
|----------------------------------|--------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MP4012DS-LF                                                                                                  |
| MANUFACTURER                     | MPS (Monolithic Power Systems)                                                                               |
| DESCRIPTION                      | IC LED DRIVER                                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                   |
| QUANTITY AVAILABLE               | 41192 pcs                                                                                                    |
| DATA SHEET                       |                                                                                                              |
| VOLTAGE - SUPPLY (MIN)           | 8V                                                                                                           |
| VOLTAGE - SUPPLY (MAX)           | 55V                                                                                                          |
| VOLTAGE - OUTPUT                 | -                                                                                                            |
| TYPE                             | DC DC Controller                                                                                             |
| TOPOLOGY                         | SEPIC, Step-Down (Buck), Step-Up (Boost)                                                                     |
| SUPPLIER DEVICE PACKAGE          | 16-SOIC                                                                                                      |
| SERIES                           | -                                                                                                            |
| PACKAGING                        | Tube                                                                                                         |
| PACKAGE / CASE                   | 16-SOIC (0.154", 3.90mm Width)                                                                               |
| OTHER NAMES                      | 1589-1393                                                                                                    |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                            |
| NUMBER OF OUTPUTS                | 1                                                                                                            |
| MOUNTING TYPE                    | Surface Mount                                                                                                |
| MOISTURE SENSITIVITY LEVEL (MSL) | 2 (1 Year)                                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                   |
| INTERNAL SWITCH(S)               | No                                                                                                           |
| FREQUENCY                        | 580kHz                                                                                                       |
| DIMMING                          | Analog, PWM                                                                                                  |
| DETAILED DESCRIPTION             | LED Driver IC 1 Output DC DC Controller SEPIC, Step-Down (Buck), Step-Up (Boost) Analog, PWM Dimming 16-SOIC |
| CURRENT - OUTPUT / CHANNEL       | -                                                                                                            |
| APPLICATIONS                     | Automotive, Backlight, Lighting                                                                              |

Related Tags

|                                            |                                         |                                                |
|--------------------------------------------|-----------------------------------------|------------------------------------------------|
| MPS (Monolithic Power Systems) MP4012DS-LF | MP4012DS-LF Distributor                 | MP4012DS-LF Supplier                           |
| MP4012DS-LF Price                          | MP4012DS-LF Pictures                    | MP4012DS-LF Image                              |
| MP4012DS-LF PDF Datasheet                  | MP4012DS-LF Download Datasheet          | MP4012DS-LF Datasheet                          |
| MP4012DS-LF Stock                          | Buy MP4012DS-LF                         | Buy MPS (Monolithic Power Systems) MP4012DS-LF |
| MPS (Monolithic Power Systems) MP4012DS-LF | MPS (Monolithic Power Systems) Supplier | MPS (Monolithic Power Systems) Distributor     |
| MPS (Monolithic Power Systems) MP4012DS-LF | Monolithic Power Systems MP4012DS-LF    | Monolithic Power Systems Inc. MP4012DS-LF      |
| MPS (Monolithic Power Systems) MP4012DS-LF |                                         |                                                |

Related Products

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| <div></div> <div><b>MP4013GS-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC LED DRIVER<br/>In stock: 141170 pcs<br/><div>RFQ</div></div>      | <div></div> <div><b>MP400R0</b><br/>Manufacturers: Vishay Precision Group<br/>Description: MP400R0 0.05% BULK<br/>In stock: 10049 pcs<br/><div>RFQ</div></div>                           |
| <div></div> <div><b>MP400FC</b><br/>Manufacturers: Apex Microtechnology<br/>Description: IC OPAMP POWER 1MHZ 42DIP<br/>In stock: 567 pcs<br/><div>RFQ</div></div>          | <div></div> <div><b>MP4013BGS-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC LED DRIVER 16SOIC<br/>In stock: 151093 pcs<br/><div>RFQ</div></div>            |
| <div></div> <div><b>MP4001DS-LF</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC LED DRIVER<br/>In stock: 100862 pcs<br/><div>RFQ</div></div>     | <div></div> <div><b>MP4001DS-LF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC LED DRIVER<br/>In stock: 175366 pcs<br/><div>RFQ</div></div>                 |
| <div></div> <div><b>MP4013GS</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC LED DRIVER<br/>In stock: 51277 pcs<br/><div>RFQ</div></div>         | <div></div> <div><b>MP4012DS-LF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC LED DRIVER<br/>In stock: 72258 pcs<br/><div>RFQ</div></div>                  |
| <div></div> <div><b>MP4020GS-LF</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC LED DRIVER<br/>In stock: 45245 pcs<br/><div>RFQ</div></div>      | <div></div> <div><b>MP4008GS-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: HIGH-BRIGHTNESS, HIGH-CURRENT AC<br/>In stock: 184262 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>MP4013BGS</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC LED DRIVER 16SOIC<br/>In stock: 74872 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>MP4008GS</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: HIGH-BRIGHTNESS, HIGH-CURRENT AC<br/>In stock: 85886 pcs<br/><div>RFQ</div></div>    |