



MPS (Monolithic Power Systems)

  
Monolithic Power Sys

Part Number:MP18021HQ-A-LF-P

Manufacturer/Brand:MPS (Monolithic Power Systems)

Product description:IC GATE DRIVER

Datasheets:

RoHS Status:Lead free / RoHS Compliant

Stock Condition:69940 pcs stock

Ship From:Hong Kong

Shipment Way:DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of MP18021HQ-A-LF-P

|                                      |                                                      |
|--------------------------------------|------------------------------------------------------|
| PART NUMBER                          | MP18021HQ-A-LF-P                                     |
| MANUFACTURER                         | MPS (Monolithic Power Systems)                       |
| DESCRIPTION                          | IC GATE DRIVER                                       |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                           |
| QUANTITY AVAILABLE                   | 69940 pcs                                            |
| DATA SHEET                           |                                                      |
| VOLTAGE - SUPPLY                     | 9 V ~ 18 V                                           |
| SUPPLIER DEVICE PACKAGE              | 8-QFN (3x3)                                          |
| SERIES                               | -                                                    |
| RISE / FALL TIME (TYP)               | 12ns, 9ns                                            |
| PACKAGING                            | Tape & Reel (TR)                                     |
| PACKAGE / CASE                       | 8-VDFN Exposed Pad                                   |
| OPERATING TEMPERATURE                | -40°C ~ 125°C (TJ)                                   |
| NUMBER OF DRIVERS                    | 2                                                    |
| MOUNTING TYPE                        | Surface Mount                                        |
| MOISTURE SENSITIVITY LEVEL (MSL)     | 1 (Unlimited)                                        |
| LOGIC VOLTAGE - VIL, VIH             | 1V, 2.4V                                             |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                           |
| INPUT TYPE                           | Non-Inverting                                        |
| HIGH SIDE VOLTAGE - MAX (BOOTSTRAP)  | 100V                                                 |
| GATE TYPE                            | N-Channel MOSFET                                     |
| DRIVEN CONFIGURATION                 | Half-Bridge                                          |
| DETAILED DESCRIPTION                 | Half-Bridge Gate Driver IC Non-Inverting 8-QFN (3x3) |
| CURRENT - PEAK OUTPUT (SOURCE, SINK) | 2.5A, 2.5A                                           |
| CHANNEL TYPE                         | Independent                                          |

Related Tags

|                                                 |                                           |                                                     |
|-------------------------------------------------|-------------------------------------------|-----------------------------------------------------|
| MPS (Monolithic Power Systems) MP18021HQ-A-LF-P | MP18021HQ-A-LF-P Distributor              | MP18021HQ-A-LF-P Supplier                           |
| MP18021HQ-A-LF-P Price                          | MP18021HQ-A-LF-P Pictures                 | MP18021HQ-A-LF-P Image                              |
| MP18021HQ-A-LF-P PDF Datasheet                  | MP18021HQ-A-LF-P Download Datasheet       | MP18021HQ-A-LF-P Datasheet                          |
| MP18021HQ-A-LF-P Stock                          | Buy MP18021HQ-A-LF-P                      | Buy MPS (Monolithic Power Systems) MP18021HQ-A-LF-P |
| MPS (Monolithic Power Systems) MP18021HQ-A-LF-P | MPS (Monolithic Power Systems) Supplier   | MPS (Monolithic Power Systems) Distributor          |
| MPS (Monolithic Power Systems) MP18021HQ-A-LF-P | Monolithic Power Systems MP18021HQ-A-LF-P | Monolithic Power Systems Inc. MP18021HQ-A-LF-P      |
| MPS (Monolithic Power Systems) MP18021HQ-A-LF-P |                                           |                                                     |

Related Products

|                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                             |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MP180R0L</b><br/>Manufacturers: Vishay Precision Group<br/>Description: MP180R0L 0.05% REELED<br/>In stock: 11138 pcs<br/>RFQ</div>           |  <div><b>MP180-E</b><br/>Manufacturers: CTS Electronic Components<br/>Description: CRYSTAL 18.0000MHZ SERIES T/H<br/>In stock: 272347 pcs<br/>RFQ</div>  |
|  <div><b>MP18021HN-A-LF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC GATE DRIVER<br/>In stock: 126412 pcs<br/>RFQ</div> |  <div><b>MP18021HN-LF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC GATE DRIVER<br/>In stock: 44684 pcs<br/>RFQ</div>      |
|  <div><b>MP18021HN-LF</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC GATE DRIVER<br/>In stock: 66721 pcs<br/>RFQ</div>      |  <div><b>MP180</b><br/>Manufacturers: CTS Electronic Components<br/>Description: CRYSTAL 18.0000MHZ SERIES T/H<br/>In stock: 265545 pcs<br/>RFQ</div>    |
|  <div><b>MP18024HN-LF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC GATE DRIVER<br/>In stock: 74724 pcs<br/>RFQ</div>    |  <div><b>MP1810LCM136A</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA<br/>In stock: 6699 pcs<br/>RFQ</div> |
|  <div><b>MP18021HQ-A-LF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC GATE DRIVER<br/>In stock: 114666 pcs<br/>RFQ</div> |  <div><b>MP18024HN-LF</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC GATE DRIVER<br/>In stock: 40980 pcs<br/>RFQ</div>        |
|  <div><b>MP180R0</b><br/>Manufacturers: Vishay Precision Group<br/>Description: MP180R0 0.05% BULK<br/>In stock: 9996 pcs<br/>RFQ</div>                |  <div><b>MP18021HN-A-LF</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC GATE DRIVER<br/>In stock: 74127 pcs<br/>RFQ</div>      |