



MPS (Monolithic Power Systems)

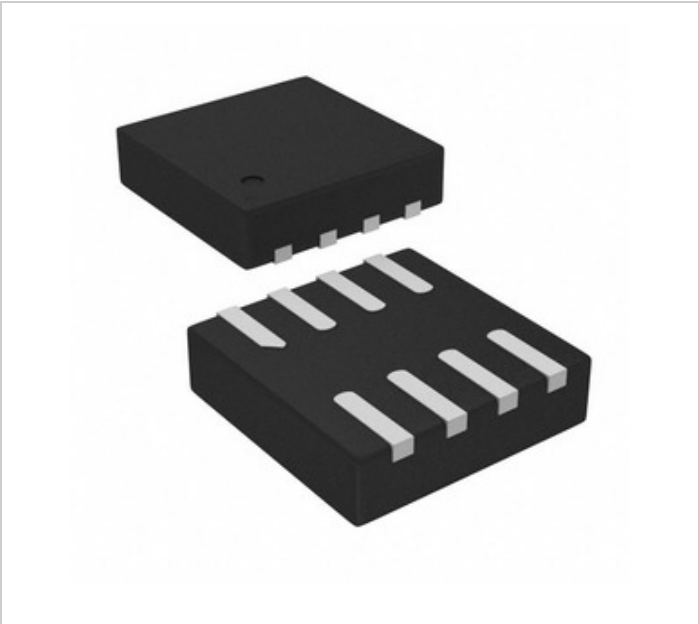


Image may be representation. See specifications for product details.

MP4423HGQ-P

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MP4423HGQ-P                                                                                                  |
| Manufacturer/Brand: | MPS (Monolithic Power Systems)                                                                               |
| Product description | IC REG BUCK ADJ 3A SYNC                                                                                      |
| Datasheets:         |  MP4423HGQ-P.pdf            |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

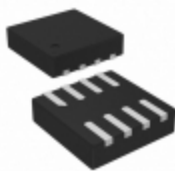
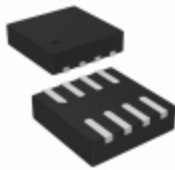
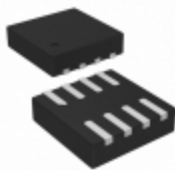
Specifications of MP4423HGQ-P

|                                  |                                                                                                     |
|----------------------------------|-----------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MP4423HGQ-P                                                                                         |
| MANUFACTURER                     | MPS (Monolithic Power Systems)                                                                      |
| DESCRIPTION                      | IC REG BUCK ADJ 3A SYNC                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                          |
| DATA SHEET                       |  MP4423HGQ-P.pdf |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 0.8V                                                                                                |
| VOLTAGE - OUTPUT (MAX)           | 32.4V                                                                                               |
| VOLTAGE - INPUT (MIN)            | 4V                                                                                                  |
| VOLTAGE - INPUT (MAX)            | 36V                                                                                                 |
| TOPOLOGY                         | Buck                                                                                                |
| SYNCHRONOUS RECTIFIER            | Yes                                                                                                 |
| SUPPLIER DEVICE PACKAGE          | 8-QFN (3x3)                                                                                         |
| SERIES                           | -                                                                                                   |
| PACKAGING                        | Tape & Reel (TR)                                                                                    |
| PACKAGE / CASE                   | 8-VDFN                                                                                              |
| OUTPUT TYPE                      | Adjustable                                                                                          |
| OUTPUT CONFIGURATION             | Positive                                                                                            |
| OTHER NAMES                      | 1589-1181-2                                                                                         |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TJ)                                                                                  |
| NUMBER OF OUTPUTS                | 1                                                                                                   |
| MOUNTING TYPE                    | Surface Mount                                                                                       |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                       |
| MANUFACTURER STANDARD LEAD TIME  | 16 Weeks                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                          |
| FUNCTION                         | Step-Down                                                                                           |
| FREQUENCY - SWITCHING            | 410kHz                                                                                              |
| DETAILED DESCRIPTION             | Buck Switching Regulator IC Positive Adjustable 0.8V 1 Output 3A 8-VDFN                             |
| CURRENT - OUTPUT                 | 3A                                                                                                  |

Related Tags

|                                            |                                         |                                                |
|--------------------------------------------|-----------------------------------------|------------------------------------------------|
| MPS (Monolithic Power Systems) MP4423HGQ-P | MP4423HGQ-P Distributor                 | MP4423HGQ-P Supplier                           |
| MP4423HGQ-P Price                          | MP4423HGQ-P Pictures                    | MP4423HGQ-P Image                              |
| MP4423HGQ-P PDF Datasheet                  | MP4423HGQ-P Download Datasheet          | MP4423HGQ-P Datasheet                          |
| MP4423HGQ-P Stock                          | Buy MP4423HGQ-P                         | Buy MPS (Monolithic Power Systems) MP4423HGQ-P |
| MPS (Monolithic Power Systems) MP4423HGQ-P | MPS (Monolithic Power Systems) Supplier | MPS (Monolithic Power Systems) Distributor     |
| MPS (Monolithic Power Systems) MP4423HGQ-P | Monolithic Power Systems MP4423HGQ-P    | Monolithic Power Systems Inc. MP4423HGQ-P      |
| MPS (Monolithic Power Systems) MP4423HGQ-P |                                         |                                                |

Related Products

|                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MP4420HGJ-ZX</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><b>MP4423GQ-P</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><b>MP4425MGQB-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC LED DRVR REG PWM 1.5A 13QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>MP4430GL-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: 36V, 3.5A, LOW IQ SYNCHRONOUS ST<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>MP4423AGQ-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: HIGH EFFICIENCY FORCED CCM 3A,36<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>MP4420HGJ-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>         |
|  <div><b>MP4423GQ-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><b>MP4430GL-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: 36V, 3.5A, LOW IQ SYNCHRONOUS ST<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>MP4423AGQ-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: HIGH EFFICIENCY FORCED CCM 3A,36<br/>In stock: 500 pcs<br/><div>RFQ</div></div>   |  <div><b>MP4425MGQB-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC LED DRVR REG PWM 1.5A 13QFN<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>MP4431GL-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: 36V, 1A, LOW IQ SYNCHRONOUS STEP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>MP4423HGQ-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>         |