

MPQ2143HGD-P



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Part Number: [MPQ2143HGD-P](#)

Manufacturer: [MPS \(Monolithic Power Systems\)](#)

Description: INDUSTRIAL GRADE, 3A,5.5V,2.0MHZ

Data sheet:

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                  |                                  |                                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|----------------------------------|------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | MPQ2143HGD-P                                                     | Manufacturer                     | <a href="#">MPS (Monolithic Power Systems)</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | INDUSTRIAL GRADE, 3A,5.5V,2.0MHZ                                 | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                     |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 52023 pcs                                                        | Data sheet                       |                                                |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <a href="#">Integrated Circuits (ICs)</a>                        | Voltage - Output (Min/Fixed)     | 0.6V                                           |
| Voltage - Output (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 5V                                                               | Voltage - Input (Min)            | 2.5V                                           |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 5.5V                                                             | Topology                         | Buck                                           |
| Synchronous Rectifier                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Yes                                                              | Series                           | -                                              |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Tape & Reel (TR)                                                 | Output Type                      | Adjustable                                     |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Positive                                                         | Operating Temperature            | -40°C ~ 125°C (TJ)                             |
| Number of Outputs                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1                                                                | 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            | 1.2MHz                                         |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Buck Switching Regulator IC Positive Adjustable 0.6V 1 Output 3A | Current - Output                 | 3A                                             |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all MPS (Monolithic Power Systems) series electronic components. We have 52023 pieces of MPS (Monolithic Power Systems) MPQ2143HGD-P in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                                                  |                                  |                                                |

| RELATED PRODUCTS                                                                   |                                                                                             |                                                               |     |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|---------------------------------------------------------------|-----|
|  | Part#: <a href="#">MPQ2315GJ-P</a><br>Description: INDUSTRIAL GRADE, HIGH EFFICIENC         | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | RFQ |
|  | Part#: <a href="#">MPQ2166GD-Z</a><br>Description: INDUSTRIAL GRADE. 6V, DUAL 2A/2A         | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | RFQ |
|  | Part#: <a href="#">MPQ2143DJ-P</a><br>Description: INDUSTRIAL GRADE, 3A, 5.5V, 1.2M         | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | RFQ |
|  | Part#: <a href="#">MPQ2166GD-AEC1-Z</a><br>Description: AUTOMOTIVE GRADE. 6V, DUAL 2A/2A    | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | RFQ |
|  | Part#: <a href="#">MPQ2143DJ-AEC1-LF-P</a><br>Description: AUTOMOTIVE GRADE,3A, 5.5V, 1.2MH | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | RFQ |
|  | Part#: <a href="#">MPQ2143DJ-AEC1-Z</a><br>Description: AUTOMOTIVE GRADE,3A, 5.5V, 1.2MH    | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | RFQ |
|  | Part#: <a href="#">MPQ2128DG-LF-Z</a><br>Description: IC REG BUCK ADJ 1A SYNC               | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | RFQ |
|  | Part#: <a href="#">MPQ2166GD-P</a><br>Description: INDUSTRIAL GRADE. 6V, DUAL 2A/2A         | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | RFQ |
|  | Part#: <a href="#">MPQ2314GJ-P</a><br>Description: INDUSTRIAL GRADE, HIGH EFFICIENC         | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | RFQ |
|  | Part#: <a href="#">MPQ2143HGD-Z</a><br>Description: INDUSTRIAL GRADE, 3A,5.5V,2.0MHZ        | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | RFQ |
|  | Part#: <a href="#">MPQ2143DJ-LF-Z</a><br>Description: INDUSTRIAL GRADE, 3A, 5.5V, 1.2M      | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | RFQ |
|  | Part#: <a href="#">MPQ2128DG-LF-P</a><br>Description: IC REG BUCK ADJ 1A SYNC               | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | RFQ |
|  | Part#: <a href="#">MPQ2222A</a><br>Description: TRANS 4NPN 40V 0.5A                         | Manufacturers: <a href="#">Central Semiconductor</a>          | RFQ |
|  | Part#: <a href="#">MPQ2143DJ-AEC1-P</a><br>Description: AUTOMOTIVE GRADE,3A, 5.5V, 1.2MH    | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | RFQ |
|  | Part#: <a href="#">MPQ2166GD-AEC1-P</a><br>Description: AUTOMOTIVE GRADE. 6V, DUAL 2A/2A    | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | RFQ |
|  | Part#: <a href="#">MPQ2314GJ-Z</a><br>Description: INDUSTRIAL GRADE, HIGH EFFICIENC         | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | RFQ |
|  | Part#: <a href="#">MPQ2222</a><br>Description: TRANS 4NPN 40V 0.5A                          | Manufacturers: <a href="#">Central Semiconductor</a>          | RFQ |
|  | Part#: <a href="#">MPQ2143DJ-AEC1-LF-Z</a><br>Description: AUTOMOTIVE GRADE,3A, 5.5V, 1.2MH | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | RFQ |
|  | Part#: <a href="#">MPQ2143DJ-Z</a><br>Description: INDUSTRIAL GRADE, 3A, 5.5V, 1.2M         | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | RFQ |
|  | Part#: <a href="#">MPQ2143DJ-LF-P</a><br>Description: INDUSTRIAL GRADE, 3A, 5.5V, 1.2M      | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | RFQ |

| Related keywords for MPQ2143HGD-P           |                                       |                                            |                                             |
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