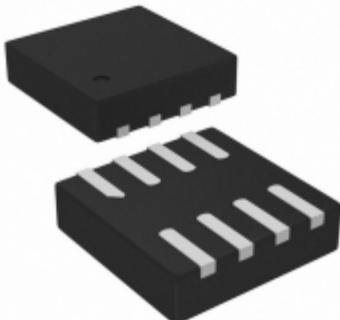


MPQ4423HGQE-AEC1-Z



Part Number: [MPQ4423HGQE-AEC1-Z](#)

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

Description: AUTOMOTIVE GRADE,HIGH EFFICIENCY

Data sheet:

RoHs Status:

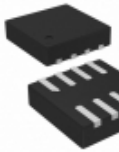
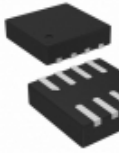
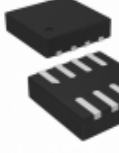
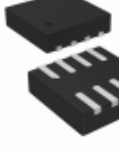
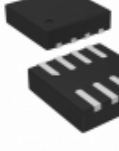
Ship From: Hong Kong

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | MPQ4423HGQE-AEC1-Z                                                      | Manufacturer                    | <a href="#">MPS (Monolithic Power Systems)</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | AUTOMOTIVE GRADE,HIGH EFFICIENCY                                        | Lead Free Status / RoHS Status  |                                                |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 50971 pcs                                                               | Data sheet                      |                                                |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <a href="#">Integrated Circuits (ICs)</a>                               | 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Automotive, AEC-Q100                                                    | Packaging                       | Tape & Reel (TR)                               |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 8-VDFN                                                                  | Output Type                     | Adjustable                                     |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Positive                                                                | 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 | 24 Weeks                                       |
| Function                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Step-Down                                                               | Frequency - Switching           | 410kHz                                         |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Buck Switching Regulator IC Positive Adjustable 0.8V 1 Output 3A 8-VDFN | 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 50971 pieces of MPS (Monolithic Power Systems) MPQ4423HGQE-AEC1-Z 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="#">MPQ4423GQ-Z</a><br>Description: IC REG BUCK ADJ 3A SYNC                  | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MPQ4423GQ-P</a><br>Description: IC REG BUCK ADJ 3A SYNC                  | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MPQ4425MGQB-Z</a><br>Description: INDUSTRIAL GRADE. HIGH EFFICIENC       | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MPQ4425MGQB-P</a><br>Description: INDUSTRIAL GRADE. HIGH EFFICIENC       | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MPQ4423GQ-AEC1-Z</a><br>Description: IC REG BUCK ADJ 3A SYNC             | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MPQ4423HGQ-AEC1-P</a><br>Description: IC REG BUCK ADJ 3A SYNC            | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MPQ4425MGQB-AEC1-Z</a><br>Description: AUTOMOTIVE GRADE. HIGH EFFICIENC  | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MPQ4430GL-AEC1-P</a><br>Description: AUTOMOTIVE GRADE, 36V, 3.5A, LOW    | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MPQ4423HGQE-AEC1-P</a><br>Description: AUTOMOTIVE GRADE,HIGH EFFICIENCY  | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MPQ4423GQ-AEC1-P</a><br>Description: IC REG BUCK ADJ 3A SYNC             | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MPQ4430GL-Z</a><br>Description: INDUSTRIAL GRADE. 36V, 3.5A, LOW         | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MPQ4425MGQBE-AEC1-P</a><br>Description: AUTOMOTIVE GRADE. 1.5A, 36V,SYNC | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MPQ4423HGQ-Z</a><br>Description: IC REG BUCK ADJ 3A SYNC                 | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MPQ4425MGQB-AEC1-P</a><br>Description: AUTOMOTIVE GRADE. HIGH EFFICIENC  | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MPQ4430GL-AEC1-Z</a><br>Description: AUTOMOTIVE GRADE, 36V, 3.5A, LOW    | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MPQ4423HGQ-AEC1-Z</a><br>Description: IC REG BUCK ADJ 3A SYNC            | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MPQ4425MGQBE-AEC1-Z</a><br>Description: AUTOMOTIVE GRADE. 1.5A, 36V,SYNC | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MPQ4430GL-P</a><br>Description: INDUSTRIAL GRADE. 36V, 3.5A, LOW         | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MPQ4423AGQ-Z</a><br>Description: INDUSTRIAL GRADE,HIGH EFFICIENCY        | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MPQ4423HGQ-P</a><br>Description: IC REG BUCK ADJ 3A SYNC                 | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <div>RFQ</div> |

| Related keywords for MPQ4423HGQE-AEC1-Z           |                                                   |                                             |                                                  |
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