

MPQ2143DJ-AEC1-LF-Z



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Part Number: [MPQ2143DJ-AEC1-LF-Z](#)

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

Description AUTOMOTIVE GRADE,3A, 5.5V, 1.2MH

Data sheet:

RoHs Status:

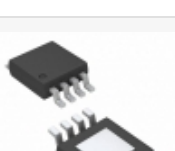
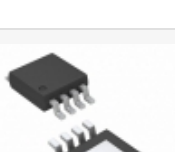
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                           |                                  |                                                                                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|-------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | MPQ2143DJ-AEC1-LF-Z                       | Manufacturer                     | <a href="#">MPS (Monolithic Power Systems)</a>                                            |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | AUTOMOTIVE GRADE,3A, 5.5V, 1.2MH          | Lead Free Status / RoHS Status   |                                                                                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 62978 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                                       | Supplier Device Package          | TSOT-23-8                                                                                 |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Automotive, AEC-Q100                      | Packaging                        | Tape & Reel (TR)                                                                          |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | SOT-23-8 Thin, TSOT-23-8                  | Output Type                      | Adjustable                                                                                |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Positive                                  | Other Names                      | 1589-1782-2<br>MPQ2143DJ-AEC1-LF-Z-ND                                                     |
| 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                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 20 Weeks                                  | Function                         | Step-Down                                                                                 |
| Frequency - Switching                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1.2MHz                                    | Detailed Description             | Buck Switching Regulator IC Positive Adjustable 0.6V 1 Output 3A SOT-23-8 Thin, TSOT-23-8 |
| 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 62978 pieces of MPS (Monolithic Power Systems) MPQ2143DJ-AEC1-LF-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="#">MPQ2143DJ-LF-Z</a><br>Description: INDUSTRIAL GRADE, 3A, 5.5V, 1.2M      | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MPQ2122GJ-Z</a><br>Description: 6V,2A,LOW QUIESCENT CURRENT DUAL         | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MPQ2143DJ-Z</a><br>Description: INDUSTRIAL GRADE, 3A, 5.5V, 1.2M         | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MPQ2122GJ-P</a><br>Description: 6V,2A,LOW QUIESCENT CURRENT DUAL         | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MPQ2143DJ-AEC1-Z</a><br>Description: AUTOMOTIVE GRADE,3A, 5.5V, 1.2MH    | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MPQ2143DJ-AEC1-P</a><br>Description: AUTOMOTIVE GRADE,3A, 5.5V, 1.2MH    | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MPQ2128DG-AEC1-LF-P</a><br>Description: IC REG BUCK ADJ 1A SYNC          | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MPQ2029GN-Z</a><br>Description: INDUSTRIAL GRADE 40V 450MA LO            | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MPQ2128DG-LF-Z</a><br>Description: IC REG BUCK ADJ 1A SYNC               | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MPQ2029GN-AEC1</a><br>Description: AUTOMOTIVE GRADE 40V 450MA LO         | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MPQ2128DG-AEC1-LF-Z</a><br>Description: IC REG BUCK ADJ 1A SYNC          | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MPQ2143DJ-LF-P</a><br>Description: INDUSTRIAL GRADE, 3A, 5.5V, 1.2M      | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <div>RFQ</div> |
|  | 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> | <div>RFQ</div> |
|  | Part#: <a href="#">MPQ2143DJ-P</a><br>Description: INDUSTRIAL GRADE, 3A, 5.5V, 1.2M         | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MPQ2029GN-AEC1-Z</a><br>Description: AUTOMOTIVE GRADE 40V 450MA LO       | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MPQ2143HGD-P</a><br>Description: INDUSTRIAL GRADE, 3A,5.5V,2.0MHZ        | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MPQ2166GD-AEC1-Z</a><br>Description: AUTOMOTIVE GRADE. 6V, DUAL 2A/2A    | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MPQ2143HGD-Z</a><br>Description: INDUSTRIAL GRADE, 3A,5.5V,2.0MHZ        | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MPQ2166GD-AEC1-P</a><br>Description: AUTOMOTIVE GRADE. 6V, DUAL 2A/2A    | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MPQ2128DG-LF-P</a><br>Description: IC REG BUCK ADJ 1A SYNC               | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <div>RFQ</div> |

Related keywords for **MPQ2143DJ-AEC1-LF-Z**

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