

MP9942GJ-P



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Part Number: [MP9942GJ-P](#)

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

Description: IC REG BUCK ADJ 2A SYNC

Data sheet:

RoHs Status: Lead free / RoHS Compliant

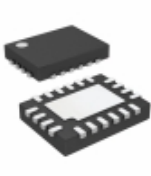
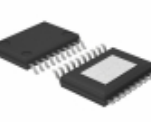
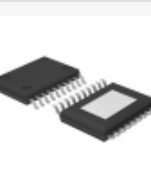
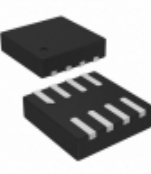
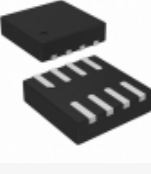
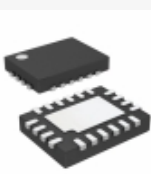
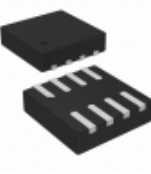
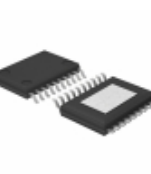
Ship From: Hong Kong

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | MP9942GJ-P                                                                                | Manufacturer                     | <a href="#">MPS (Monolithic Power Systems)</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | IC REG BUCK ADJ 2A SYNC                                                                   | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                     |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 86913 pcs                                                                                 | Data sheet                       |                                                |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <a href="#">Integrated Circuits (ICs)</a>                                                 | Voltage - Output (Min/Fixed)     | 0.8V                                           |
| Voltage - Output (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 28.5V                                                                                     | Voltage - Input (Min)            | 4V                                             |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 30V                                                                                       | Topology                         | Buck                                           |
| Synchronous Rectifier                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Yes                                                                                       | Supplier Device Package          | TSOT-23-8                                      |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | -                                                                                         | Packaging                        | Tape & Reel (TR)                               |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | SOT-23-8 Thin, TSOT-23-8                                                                  | Output Type                      | Adjustable                                     |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Positive                                                                                  | Other Names                      | 1589-1244-2                                    |
| 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 2A SOT-23-8 Thin, TSOT-23-8 | Current - Output                 | 2A                                             |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all MPS (Monolithic Power Systems) series electronic components. We have 86913 pieces of MPS (Monolithic Power Systems) MP9942GJ-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="#">MP9942AGJ-Z</a><br>Description: HIGH EFFICIENCY 2A,36V,410KHZ,SY      | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MP9928GL-Z</a><br>Description: 4V-60V INPUT, CURRENT MODE,SYNCH       | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MP9928GF-P</a><br>Description: 4V-60V INPUT, CURRENT MODE, SYNC       | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MP9928GF-Z</a><br>Description: 4V-60V INPUT, CURRENT MODE, SYNC       | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MP9943AGQ-Z</a><br>Description: HIGH EFFICIENCY 3A PEAK,36V,SYNC      | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MP9943GQ-Z</a><br>Description: IC REG BUCK ADJ 3A SYNC                | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MP99R00</a><br>Description: MP99R00 0.1% BULK                         | Manufacturers: <a href="#">Vishay Precision Group</a>         | <div>RFQ</div> |
|  | Part#: <a href="#">MP9928GL-P</a><br>Description: 4V-60V INPUT, CURRENT MODE,SYNCH       | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MP9943GQ-P</a><br>Description: IC REG BUCK ADJ 3A SYNC                | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MP9942GJ-Z</a><br>Description: IC REG BUCK ADJ 2A SYNC                | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MP9943AGQ-P</a><br>Description: HIGH EFFICIENCY 3A PEAK,36V,SYNC      | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MP9G100B</a><br>Description: GEARHEAD 1/100RATIO FOR 90MM SQ          | Manufacturers: <a href="#">Panasonic</a>                      | <div>RFQ</div> |
|  | Part#: <a href="#">MP9518GJS-XXXX-P</a><br>Description: SINGLE PHASE BLDC MOTOR DRIVER W | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MP9518GJS-XXXX-Z</a><br>Description: SINGLE PHASE BLDC MOTOR DRIVER W | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MP9G120B</a><br>Description: GEARHEAD 1/120RATIO FOR 90MM SQ          | Manufacturers: <a href="#">Panasonic</a>                      | <div>RFQ</div> |
|  | Part#: <a href="#">MP953R0L</a><br>Description: MP953R0L 0.05% REELED                    | Manufacturers: <a href="#">Vishay Precision Group</a>         | <div>RFQ</div> |
|  | Part#: <a href="#">MP9928GF</a><br>Description: 4V-60V INPUT, CURRENT MODE, SYNC         | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MP9942AGJ-P</a><br>Description: HIGH EFFICIENCY 2A,36V,410KHZ,SY      | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MP9950DQ-LF-Z</a><br>Description: IC CURR LIMIT SWITCH 5A 10QFN       | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MP9950DQ-LF-P</a><br>Description: IC CURR LIMIT SWITCH 5A 10QFN       | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <div>RFQ</div> |

| Related keywords for MP9942GJ-P           |                                     |                                          |                                           |
|-------------------------------------------|-------------------------------------|------------------------------------------|-------------------------------------------|
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| MP9942GJ-P download datasheet             | MP9942GJ-P datasheet                | MP9942GJ-P stock                         | buy MP9942GJ-P                            |
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