

MP1495SGJ-P



COMPONENTS-WORLD.COM

Part Number: [MP1495SGJ-P](#)

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

Description: IC REG BUCK ADJ 3A 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | MP1495SGJ-P                                                                               | Manufacturer                     | <a href="#">MPS (Monolithic Power Systems)</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | IC REG BUCK ADJ 3A SYNC                                                                   | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                     |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 62495 pcs                                                                                 | Data sheet                       |                                                |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <a href="#">Integrated Circuits (ICs)</a>                                                 | Voltage - Output (Min/Fixed)     | 0.8V                                           |
| Voltage - Output (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 15.2V                                                                                     | Voltage - Input (Min)            | 4.5V                                           |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 16V                                                                                       | 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                      | 1589-1026-2                                    |
| 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            | 500kHz                                         |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Buck Switching Regulator IC Positive Adjustable 0.8V 1 Output 3A SOT-23-8 Thin, TSOT-23-8 | Current - Output                 | 3A                                             |
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|  | Part#: <a href="#">MP1494DJ-LF-P</a><br>Description: IC REG BUCK ADJ 2A SYNC      | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MP1494SGJ-Z</a><br>Description: IC REG BUCK ADJ 2A SYNC        | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <div>RFQ</div> |
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