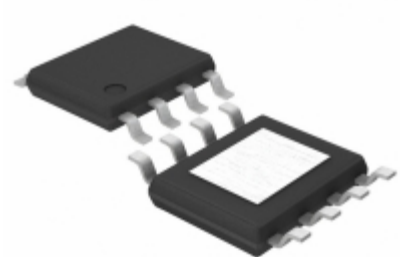


BD9C501EFJ-E2





**Part Number:** [BD9C501EFJ-E2](#)

**Manufacturer:** [LAPIS Semiconductor](#)

**Description:** IC REG BUCK ADJ 5A SYNC 8HTSOP

**Data sheet:**  [BD9C501EFJ](#)  
 [HTSOP-J8 Taping Spec](#)

**RoHs Status:** Lead free / RoHS Compliant

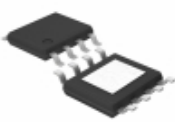
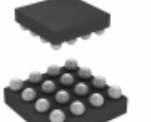
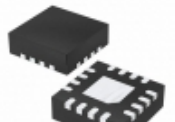
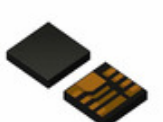
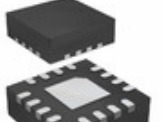
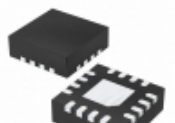
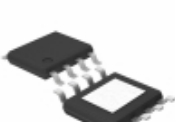
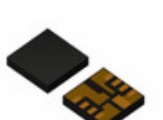
**Ship From:** Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
**Buy BD9C501EFJ-E2 with confidence from Component-World.HK, 1 Year Warranty**

[Request For Quotation](#)

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                            |                                  |                                                                    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|----------------------------------|--------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                       | BD9C501EFJ-E2                                                                                              | Manufacturer                     | <a href="#">LAPIS Semiconductor</a>                                |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                       | IC REG BUCK ADJ 5A SYNC 8HTSOP                                                                             | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                         |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                | 64208 pcs                                                                                                  | Data sheet                       | <a href="#">BD9C501EFJ</a><br><a href="#">HTSOP-J8 Taping Spec</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <a href="#">Integrated Circuits (ICs)</a>                                                                  | Voltage - Output (Min/Fixed)     | 0.8V                                                               |
| Voltage - Output (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                            | 12.6V                                                                                                      | Voltage - Input (Min)            | 4.5V                                                               |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                             | 18V                                                                                                        | Topology                         | Buck                                                               |
| Synchronous Rectifier                                                                                                                                                                                                                                                                                                                                                                                                                                             | Yes                                                                                                        | Supplier Device Package          | 8-HTSOP-J                                                          |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                            | -                                                                                                          | Packaging                        | Tape & Reel (TR)                                                   |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 8-SOIC (0.154", 3.90mm Width) Exposed Pad                                                                  | Output Type                      | Adjustable                                                         |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                              | Positive                                                                                                   | Other Names                      | 846-1114-2                                                         |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                             | -40°C ~ 85°C (TA)                                                                                          | Number of Outputs                | 1                                                                  |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Surface Mount                                                                                              | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                      |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                   | 11 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 5A 8-SOIC (0.154", 3.90mm Width) Exposed Pad | Current - Output                 | 5A                                                                 |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all LAPIS Semiconductor series electronic components. We have 64208 pieces of LAPIS Semiconductor BD9C501EFJ-E2 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="#">BD9D320EFJ-E2</a><br>Description: IC REG BUCK ADJ 3A SYNC 8HTSOP        | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD9D321EFJ-EVK-101</a><br>Description: EVAL BOARD BD9D321EFJ-E2 FET REG | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD9D321EFJ-EVK-001</a><br>Description: EVAL BOARD BD9D321EFJ            | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD9C601EFJ-EVK-001</a><br>Description: EVAL BOARD BD9C601EFJ            | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD9B331GWZ-E2</a><br>Description: IC REG BUCK ADJ 3A SYNC UCSP30L1      | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD9C301FJ-E2</a><br>Description: IC REG BUCK ADJ 3A SYNC 8SOPJ          | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD9C401EFJ-E2</a><br>Description: IC REG BUCK ADJ 4A SYNC 8HTSOP        | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD9C501EFJ-EVK-001</a><br>Description: EVAL BOARD BD9C501EFJ            | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD9C301FJ-EVK-001</a><br>Description: EVAL BOARD BD9C301FJ              | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD9B400MUV-E2</a><br>Description: IC REG BUCK ADJ 4A SYNC 16VQFN        | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD9D322QWZ-E2</a><br>Description: STANDARDINTEGRATED FETBUCKSYNCHR      | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD9C301FJ-LBGH2</a><br>Description: 4.5V TO 18V INPUT, 3.0A INTEGRAT    | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD9B500MUV-E2</a><br>Description: 2.7V TO 5.5V INPUT, 5.0A INTEGRA      | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD9B600MUV-E2</a><br>Description: IC REG BUCK ADJ 6A SYNC 16VQFN        | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD9D321EFJ-E2</a><br>Description: IC REG BUCK ADJ 3A SYNC 8HTSOP        | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD9C601EFJ-E2</a><br>Description: IC REG BUCK ADJ 6A SYNC 8HTSOP        | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD9D320EFJ-EVK-001</a><br>Description: EVAL BOARD BD9D320EFJ            | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD9C401EFJ-EVK-001</a><br>Description: EVAL BOARD BD9C401EFJ            | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD9C601EFJEVK-101</a><br>Description: BOARD EVAL FOR BD9C601            | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD9B304QWZ-E2</a><br>Description: 2.7V TO 5.5V INPUT, 3.0A INTEGRA      | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <a href="#">RFQ</a> |

Related keywords for **BD9C501EFJ-E2**

|                                   |                           |                                  |                     |
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| BD9C501EFJ-E2 download datasheet  | BD9C501EFJ-E2 datasheet   | BD9C501EFJ-E2 stock              | buy BD9C501EFJ-E2   |
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