

BD12KA5WFP-E2



**Part Number:** [BD12KA5WFP-E2](#)

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

**Description:** IC REG LINEAR 1.2V 500MA TO252-5

**Data sheet:**  [TO252-5 Taping Spec](#)  
 [BDxxKA5\(W\) Series](#)

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

**Ship From:** Hong Kong

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

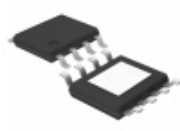
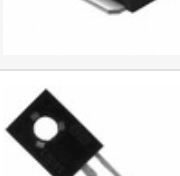
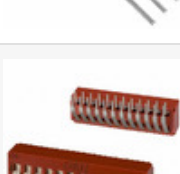
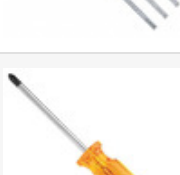
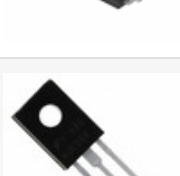
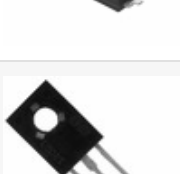
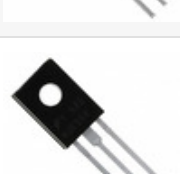
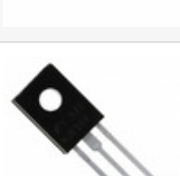
Images are for reference only.  
See Product Specifications for product details.  
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| PRODUCT PARAMETER               |                                                                         |                                  |                                                                          |
|---------------------------------|-------------------------------------------------------------------------|----------------------------------|--------------------------------------------------------------------------|
| Part Number                     | BD12KA5WFP-E2                                                           | Manufacturer                     | <a href="#">LAPIS Semiconductor</a>                                      |
| Description                     | IC REG LINEAR 1.2V 500MA TO252-5                                        | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                               |
| Quantity Available              | 145326 pcs                                                              | Data sheet                       | <a href="#">TO252-5 Taping Spec</a><br><a href="#">BDxxKA5(W) Series</a> |
| Category                        | <a href="#">Integrated Circuits (ICs)</a>                               | Voltage Dropout (Max)            | -                                                                        |
| Voltage - Output (Min/Fixed)    | 1.2V                                                                    | Voltage - Output (Max)           | -                                                                        |
| Voltage - Input (Max)           | 5.5V                                                                    | Supplier Device Package          | TO-252-5                                                                 |
| Series                          | -                                                                       | Protection Features              | Over Current, Over Temperature                                           |
| Packaging                       | Original-Reel®                                                          | Package / Case                   | TO-252-5, DPak (4 Leads + Tab), TO-252AD                                 |
| PSRR                            | 50dB (120Hz)                                                            | Output Type                      | Fixed                                                                    |
| Output Configuration            | Positive                                                                | Other Names                      | BD12KA5WFP-E2DKR                                                         |
| Operating Temperature           | -40°C ~ 105°C                                                           | Number of Regulators             | 1                                                                        |
| Mounting Type                   | Surface Mount                                                           | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                            |
| Manufacturer Standard Lead Time | 9 Weeks                                                                 | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                               |
| Detailed Description            | Linear Voltage Regulator IC Positive Fixed 1 Output 1.2V 500mA TO-252-5 | Current - Supply (Max)           | 550µA                                                                    |
| Current - Quiescent (Iq)        | 0.35mA                                                                  | Current - Output                 | 500mA                                                                    |
| Control Features                | Enable                                                                  | Base Part Number                 | BD12KA5                                                                  |

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|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">BD12IA5MEFJ-ME2</a><br>Description: IC REG LIN 1.2V 500MA 8HTSOP-J  | Manufacturers: <a href="#">LAPIS Semiconductor</a>                                  | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD13516STU</a><br>Description: TRANS NPN 45V 1.5A TO-126            | Manufacturers: <a href="#">AMI Semiconductor</a> / <a href="#">ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD12IC0WHFV-GTR</a><br>Description: IC REG LINEAR 1.2V 1A 6HVSOF    | Manufacturers: <a href="#">LAPIS Semiconductor</a>                                  | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD12734FVJ-E2</a><br>Description: IC OP AMP I/O FULL SWING 14TSSOP  | Manufacturers: <a href="#">LAPIS Semiconductor</a>                                  | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD12IA5WEFJ-E2</a><br>Description: IC REG LIN 1.2V 500MA 8HTSOP-J   | Manufacturers: <a href="#">LAPIS Semiconductor</a>                                  | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD12KA5FP-E2</a><br>Description: IC REG LINEAR 1.2V 500MA TO252-3   | Manufacturers: <a href="#">LAPIS Semiconductor</a>                                  | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD135-16</a><br>Description: TRANS NPN 45V 1.5A SOT-32              | Manufacturers: <a href="#">STMicroelectronics</a>                                   | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD12AV</a><br>Description: SWITCH SLIDE DIP SPST 100MA 5V           | Manufacturers: <a href="#">C&amp;K</a>                                              | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD12KA5WF-E2</a><br>Description: IC REG LINEAR 1.2V 500MA 8SOP      | Manufacturers: <a href="#">LAPIS Semiconductor</a>                                  | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD1321G-TR</a><br>Description: IC OP AMP GROUND SENSE 5-SSOP        | Manufacturers: <a href="#">LAPIS Semiconductor</a>                                  | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD13510S</a><br>Description: TRANS NPN 45V 1.5A TO-126              | Manufacturers: <a href="#">AMI Semiconductor</a> / <a href="#">ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD133</a><br>Description: SCREWDRIVER PHILLIPS #3 11.19"            | Manufacturers: <a href="#">Klein Tools</a>                                          | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD12IC0WEFJ-E2</a><br>Description: IC REG LINEAR 1.2V 1A 8HTSOP-J   | Manufacturers: <a href="#">LAPIS Semiconductor</a>                                  | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD13516S</a><br>Description: TRANS NPN 45V 1.5A TO-126              | Manufacturers: <a href="#">AMI Semiconductor</a> / <a href="#">ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD12IC0MEFJ-ME2</a><br>Description: IC REG LINEAR 1.2V 1A 8HTSOP-J  | Manufacturers: <a href="#">LAPIS Semiconductor</a>                                  | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD135</a><br>Description: TRANS NPN 45V 1.5A SOT-32                 | Manufacturers: <a href="#">STMicroelectronics</a>                                   | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD1356S</a><br>Description: TRANS NPN 45V 1.5A TO-126               | Manufacturers: <a href="#">AMI Semiconductor</a> / <a href="#">ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD12IC0MEFJ-LBH2</a><br>Description: IC REG LINEAR 1.2V 1A 8HTSOP-J | Manufacturers: <a href="#">LAPIS Semiconductor</a>                                  | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD13510STU</a><br>Description: TRANS NPN 45V 1.5A TO-126            | Manufacturers: <a href="#">AMI Semiconductor</a> / <a href="#">ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD135</a><br>Description: TRANS NPN 45V 1.5A TO225AA                | Manufacturers: <a href="#">AMI Semiconductor</a> / <a href="#">ON Semiconductor</a> | <a href="#">RFQ</a> |

Related keywords for **BD12KA5WFP-E2**

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