

BD30IA5MEFJ-ME2




Part Number: [BD30IA5MEFJ-ME2](#)

Manufacturer: [LAPIS Semiconductor](#)

Description: IC REG LINEAR 3V 500MA 8HTSOP-J

Data sheet:  [BDxxIA5MEFJ-M](#)  
 [HTSOP-J8 Taping Spec](#)

RoHs Status: Lead free / RoHS Compliant

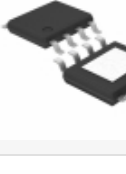
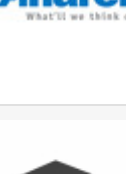
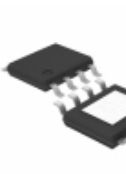
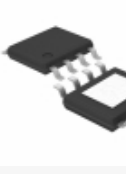
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                        |                                  |                                                                       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|----------------------------------|-----------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                          | BD30IA5MEFJ-ME2                                                        | Manufacturer                     | <a href="#">LAPIS Semiconductor</a>                                   |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                          | IC REG LINEAR 3V 500MA 8HTSOP-J                                        | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                            |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 160376 pcs                                                             | Data sheet                       | <a href="#">BDxxIA5MEFJ-M</a><br><a href="#">HTSOP-J8 Taping Spec</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <a href="#">Integrated Circuits (ICs)</a>                              | Voltage Dropout (Max)            | 0.9V @ 500mA                                                          |
| Voltage - Output (Min/Fixed)                                                                                                                                                                                                                                                                                                                                                                                                                                         | 3V                                                                     | Voltage - Output (Max)           | -                                                                     |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                | 5.5V                                                                   | Supplier Device Package          | 8-HTSOP-J                                                             |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Automotive, AEC-Q100                                                   | Protection Features              | Over Current, Over Temperature, Soft Start                            |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Tape & Reel (TR)                                                       | Package / Case                   | 8-SOIC (0.154", 3.90mm Width) Exposed Pad                             |
| PSRR                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -                                                                      | Output Type                      | Fixed                                                                 |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Positive                                                               | Other Names                      | BD30IA5MEFJ-ME2TR                                                     |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                | -40°C ~ 105°C                                                          | Number of Regulators             | 1                                                                     |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Surface Mount                                                          | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                         |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                      | 12 Weeks                                                               | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                            |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Linear Voltage Regulator IC Positive Fixed 1 Output 3V 500mA 8-HTSOP-J | Current - Supply (Max)           | 500µA                                                                 |
| Current - Quiescent (Iq)                                                                                                                                                                                                                                                                                                                                                                                                                                             | 0.25mA                                                                 | Current - Output                 | 500mA                                                                 |
| Control Features                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Enable                                                                 |                                  |                                                                       |
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| RELATED PRODUCTS                                                                   |                                                                                         |                                                    |                |
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|  | Part#: <a href="#">BD3150N50100AHF</a><br>Description: BALUN 3.1GHZ-5GHZ 50/100 0404    | Manufacturers: <a href="#">Anaren</a>              | <div>RFQ</div> |
|  | Part#: <a href="#">BD30HC5MEFJ-LBH2</a><br>Description: IC REG LINEAR 3V 1.5A 8HTSOP-J  | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">BD30IC0MEFJ-ME2</a><br>Description: IC REG LINEAR 3V 1A 8HTSOP-J     | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">BD30HC5WEFJ-E2</a><br>Description: IC REG LINEAR 3V 1.5A 8HTSOP-J    | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">BD30HA5MEFJ-LBH2</a><br>Description: IC REG LINEAR 3V 500MA 8HTSOP-J | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">BD30KA5WF-E2</a><br>Description: IC REG LINEAR 3V 500MA 8SOP         | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">BD3150L50100AHF</a><br>Description: BALUN 3.1GHZ-5GHZ 50/100 0603    | Manufacturers: <a href="#">Anaren</a>              | <div>RFQ</div> |
|  | Part#: <a href="#">BD30HA3WEFJ-E2</a><br>Description: IC REG LINEAR 3V 300MA 8HTSOP-J   | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">BD30HA5MEFJ-ME2</a><br>Description: IC REG LINEAR 3V 500MA 8HTSOP-J  | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">BD30IC0MEFJ-LBH2</a><br>Description: IC REG LINEAR 3V 1A 8HTSOP-J    | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">BD30HA5WEFJ-E2</a><br>Description: IC REG LINEAR 3V 500MA 8HTSOP-J   | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">BD30KA5WFP-E2</a><br>Description: IC REG LINEAR 3V 500MA TO252-5     | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">BD30HC0WEFJ-E2</a><br>Description: IC REG LINEAR 3V 1A 8HTSOP-J      | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">BD30IC0WEFJ-E2</a><br>Description: IC REG LINEAR 3V 1A 8HTSOP-J      | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">BD30IA5WEFJ-E2</a><br>Description: IC REG LINEAR 3V 500MA 8HTSOP-J   | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">BD30HC5MEFJ-ME2</a><br>Description: IC REG LINEAR 3V 1.5A 8HTSOP-J   | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">BD30IC0WHFV-GTR</a><br>Description: IC REG LINEAR 3V 1A 6HVSOF       | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">BD30KA5FP-E2</a><br>Description: IC REG LINEAR 3V 500MA TO252-3      | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">BD30HC0MEFJ-LBH2</a><br>Description: IC REG LINEAR 3V 1A 8HTSOP-J    | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">BD30HC0MEFJ-ME2</a><br>Description: IC REG LINEAR 3V 1A 8HTSOP-J     | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <div>RFQ</div> |

Related keywords for **BD30IA5MEFJ-ME2**

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