

BD25IA5MEFJ-ME2




Part Number: [BD25IA5MEFJ-ME2](#)

Manufacturer: [LAPIS Semiconductor](#)

Description: IC REG LIN 2.5V 500MA 8HTSOP-J

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

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

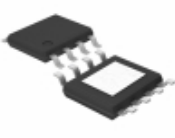
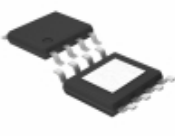
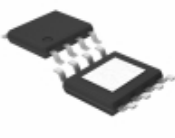
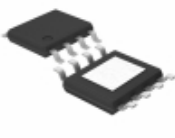
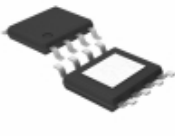
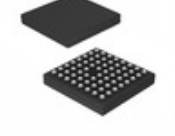
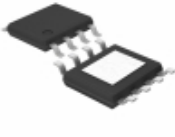
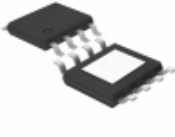
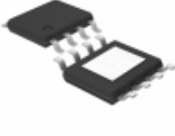
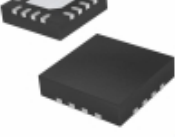
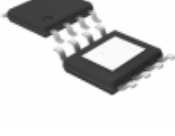
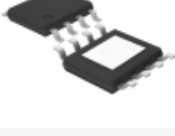
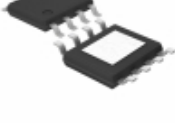
Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER               |                                                                          |                                  |                                                                       |
|---------------------------------|--------------------------------------------------------------------------|----------------------------------|-----------------------------------------------------------------------|
| Part Number                     | BD25IA5MEFJ-ME2                                                          | Manufacturer                     | <a href="#">LAPIS Semiconductor</a>                                   |
| Description                     | IC REG LIN 2.5V 500MA 8HTSOP-J                                           | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                            |
| Quantity Available              | 173282 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)    | 2.5V                                                                     | 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                      | BD25IA5MEFJ-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 2.5V 500mA 8-HTSOP-J | Current - Supply (Max)           | 500µA                                                                 |
| Current - Quiescent (Iq)        | 0.25mA                                                                   | Current - Output                 | 500mA                                                                 |
| Control Features                | Enable                                                                   |                                  |                                                                       |

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RFQ Email: [info@Components-World.com](mailto:info@Components-World.com)

| RELATED PRODUCTS                                                                   |                                                                                          |                                                    |                     |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|----------------------------------------------------|---------------------|
|  | Part#: <a href="#">BD25IC0MEFJ-LBH2</a><br>Description: IC REG LINEAR 2.5V 1A 8HTSOP-J   | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD25HC0MEFJ-ME2</a><br>Description: IC REG LINEAR 2.5V 1A 8HTSOP-J    | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD25HA5MEFJ-LBH2</a><br>Description: IC REG LIN 2.5V 500MA 8HTSOP-J   | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD25HA5MEFJ-ME2</a><br>Description: IC REG LIN 2.5V 500MA 8HTSOP-J    | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD25HC5WEFJ-E2</a><br>Description: IC REG LINEAR 2.5V 1.5A 8HTSOP-J   | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD26502GUL-E2</a><br>Description: IC LED DRIVER LIN DIM VCSP50L4      | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD25IC0WEFJ-E2</a><br>Description: IC REG LINEAR 2.5V 1A 8HTSOP-J     | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD25HA5WEFJ-E2</a><br>Description: IC REG LIN 2.5V 500MA 8HTSOP-J     | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD25HC5MEFJ-ME2</a><br>Description: IC REG LINEAR 2.5V 1.5A 8HTSOP-J  | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD2606MVV-E2</a><br>Description: IC WHITE LED DVR 6CH 16SQFN          | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD25IC0WHFV-GTR</a><br>Description: IC REG LINEAR 2.5V 1A 6HVSOF      | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD25HC5MEFJ-LBH2</a><br>Description: IC REG LINEAR 2.5V 1.5A 8HTSOP-J | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD25KA5WF-E2</a><br>Description: IC REG LINEAR 2.5V 500MA 8SOP        | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD25IC0MEFJ-ME2</a><br>Description: IC REG LINEAR 2.5V 1A 8HTSOP-J    | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD25HC0MEFJ-LBH2</a><br>Description: IC REG LINEAR 2.5V 1A 8HTSOP-J   | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD25IA5WEFJ-E2</a><br>Description: IC REG LIN 2.5V 500MA 8HTSOP-J     | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD25KA5FP-E2</a><br>Description: IC REG LINEAR 2.5V 500MA T0252       | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD25KA5WFP-E2</a><br>Description: IC REG LINEAR 2.5V 500MA T0252-5    | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD25HC0WEFJ-E2</a><br>Description: IC REG LINEAR 2.5V 1A 8HTSOP-J     | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD25IA5MEFJ-LBH2</a><br>Description: IC REG LIN 2.5V 500MA 8HTSOP-J   | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <a href="#">RFQ</a> |

| Related keywords for BD25IA5MEFJ-ME2 |                             |                                    |                       |
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