

BD70HC5MEFJ-ME2





**Part Number:** [BD70HC5MEFJ-ME2](#)

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

**Description:** IC REG LINEAR 7V 1.5A 8HTSOP-J

**Data sheet:**  [BDxxHC5MEFJ-M](#)  
 [HTSOP-J8 Taping Spec](#)

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

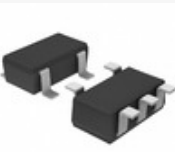
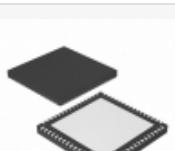
**Ship From:** Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                       |                                  |                                                                       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|----------------------------------|-----------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                         | BD70HC5MEFJ-ME2                                                       | Manufacturer                     | <a href="#">LAPIS Semiconductor</a>                                   |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                         | IC REG LINEAR 7V 1.5A 8HTSOP-J                                        | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                            |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 93013 pcs                                                             | Data sheet                       | <a href="#">BDxxHC5MEFJ-M</a><br><a href="#">HTSOP-J8 Taping Spec</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <a href="#">Integrated Circuits (ICs)</a>                             | Voltage Dropout (Max)            | 1.2V @ 1.5A                                                           |
| Voltage - Output (Min/Fixed)                                                                                                                                                                                                                                                                                                                                                                                                                                        | 7V                                                                    | Voltage - Output (Max)           | -                                                                     |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                               | 8V                                                                    | Supplier Device Package          | 8-HTSOP-J                                                             |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Automotive, AEC-Q100                                                  | Protection Features              | Over Current, Over Temperature, Soft Start                            |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Cut Tape (CT)                                                         | Package / Case                   | 8-SOIC (0.154", 3.90mm Width) Exposed Pad                             |
| PSRR                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -                                                                     | Output Type                      | Fixed                                                                 |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                                | Positive                                                              | Other Names                      | BD70HC5MEFJ-ME2CT                                                     |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                               | -40°C ~ 105°C                                                         | Number of Regulators             | 1                                                                     |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Surface Mount                                                         | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                         |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                     | 10 Weeks                                                              | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                            |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                | Linear Voltage Regulator IC Positive Fixed 1 Output 7V 1.5A 8-HTSOP-J | Current - Supply (Max)           | 15µA                                                                  |
| Current - Quiescent (Iq)                                                                                                                                                                                                                                                                                                                                                                                                                                            | 6µA                                                                   | Current - Output                 | 1.5A                                                                  |
| Control Features                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Enable                                                                |                                  |                                                                       |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all LAPIS Semiconductor series electronic components. We have 93013 pieces of LAPIS Semiconductor BD70HC5MEFJ-ME2 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="#">BD71L4LHFV-1GTR</a><br>Description: IC DETECTOR OVER VOLT 5HVSOF     | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD71815AGW-E2</a><br>Description: IC REG 13OUT BUCK/LDO 55UCSP       | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD70HC0WEFJ-E2</a><br>Description: IC REG LINEAR 7V 1A 8HTSOP-J      | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD70HA3WEFJ-E2</a><br>Description: IC REG LINEAR 7V 300MA 8HTSOP-J   | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD71801GWL-E2</a><br>Description: IC REG 17OUT BUCK/LDO UCSP50LC     | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD71L4LG-1GTR</a><br>Description: IC DETECTOR OVER VOLT 5SSOP        | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD71815AGW-EVK-101</a><br>Description: EVAL BOARD FOR BD71815A       | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD7185AGWL-E2</a><br>Description: IC PWR MGMT LSI MOBILE 50UCSP      | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD70GC0WEFJ-E2</a><br>Description: IC REG LINEAR 7V 1A 8HTSOP-J      | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD70HA5WEFJ-E2</a><br>Description: IC REG LINEAR 7V 500MA 8HTSOP-J   | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD70HC0MEFJ-ME2</a><br>Description: IC REG LINEAR 7V 1A 8HTSOP-J     | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD70HA5MEFJ-LBH2</a><br>Description: IC REG LINEAR 7V 500MA 8HTSOP-J | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD70HA3MEFJ-ME2</a><br>Description: IC REG LINEAR 7V 300MA 8HTSOP-J  | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD71805MWV-E2</a><br>Description: IC REG 7OUT BUCK/LINEAR 64UQFN     | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD70HA5MEFJ-ME2</a><br>Description: IC REG LINEAR 7V 500MA 8HTSOP-J  | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD70HC5MEFJ-LBH2</a><br>Description: IC REG LINEAR 7V 1.5A 8HTSOP-J  | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD70HC5WEFJ-E2</a><br>Description: IC REG LINEAR 7V 1.5A 8HTSOP-J    | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD733L2EFJ-CE2</a><br>Description: IC REG LIN 3.3V 200MA 8HTSOP-J    | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD70HC0MEFJ-LBH2</a><br>Description: IC REG LINEAR 7V 1A 8HTSOP-J    | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD711</a><br>Description: TRANS NPN 100V 12A TO-220                  | Manufacturers: <a href="#">STMicroelectronics</a>  | <a href="#">RFQ</a> |

Related keywords for **BD70HC5MEFJ-ME2**

|                                     |                             |                                    |                       |
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