

BA17806FP-E2





Part Number: [BA17806FP-E2](#)

Manufacturer: [LAPIS Semiconductor](#)

Description: IC REG LINEAR 6V 1A TO252-3

Data sheet:  [BA178xxFP](#)  
 [TO252-3 Taping Spec](#)

RoHs Status: Lead free / RoHS Compliant

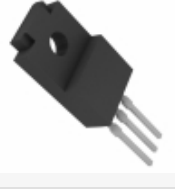
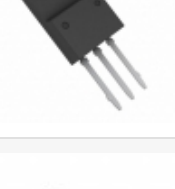
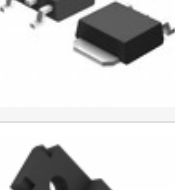
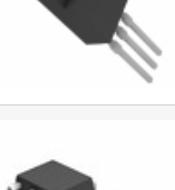
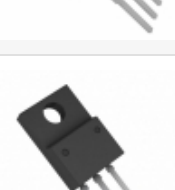
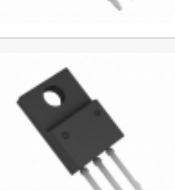
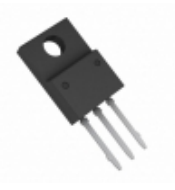
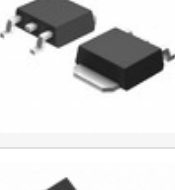
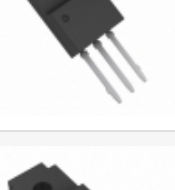
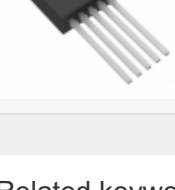
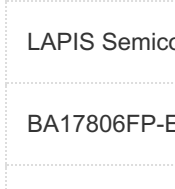
Ship From: Hong Kong

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                                                                                                                                                                                                                                                                                                                                                                                                                                                       | BA17806FP-E2                              | Manufacturer                    | <a href="#">LAPIS Semiconductor</a>                                |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                       | IC REG LINEAR 6V 1A TO252-3               | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                         |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                | 157900 pcs                                | Data sheet                      | <a href="#">BA178xxFP</a><br><a href="#">TO252-3 Taping Spec</a>   |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <a href="#">Integrated Circuits (ICs)</a> | Voltage Dropout (Max)           | 2V @ 1A (Typ)                                                      |
| Voltage - Output (Min/Fixed)                                                                                                                                                                                                                                                                                                                                                                                                                                      | 6V                                        | Voltage - Output (Max)          | -                                                                  |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                             | 21V                                       | Supplier Device Package         | TO-252-3                                                           |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                            | -                                         | Protection Features             | -                                                                  |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Tape & Reel (TR)                          | Package / Case                  | TO-252-3, DPak (2 Leads + Tab), SC-63                              |
| PSRR                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 73dB (120Hz)                              | Output Type                     | Fixed                                                              |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                              | Positive                                  | Operating Temperature           | -40°C ~ 85°C                                                       |
| Number of Regulators                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1                                         | Mounting Type                   | Surface Mount                                                      |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1 (Unlimited)                             | Manufacturer Standard Lead Time | 6 Weeks                                                            |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                    | Lead free / RoHS Compliant                | Detailed Description            | Linear Voltage Regulator IC Positive Fixed 1 Output 6V 1A TO-252-3 |
| Current - Supply (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                            | 6mA                                       | Current - Quiescent (Iq)        | 4.5mA                                                              |
| Current - Output                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1A                                        | Control Features                | -                                                                  |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                  | BA178                                     |                                 |                                                                    |
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| RELATED PRODUCTS                                                                   |                                                                                   |                                                    |                |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|----------------------------------------------------|----------------|
|  | Part#: <a href="#">BA17806T</a><br>Description: IC REG LINEAR 6V 1A TO220FP       | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">BA15JC5T</a><br>Description: IC REG LIN 1.5V 1.5A TO220FP-3    | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">BA1604</a><br>Description: IC TONE DECODER PLL DIP-8           | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">BA17807FP-E2</a><br>Description: IC REG LINEAR 7V 1A TO252-3   | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">BA17805CP-E2</a><br>Description: IC REG LINEAR 5V 1A TO220CP-3 | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">BA17805FP-E2</a><br>Description: IC REG LINEAR 5V 1A TO252-3   | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">BA17807T</a><br>Description: IC REG LINEAR 7V 1A TO220FP       | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">BA17809FP-E2</a><br>Description: IC REG LINEAR 9V 1A TO252-3   | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">BA15T</a><br>Description: IC REG LINEAR 15V 1A TO220FP         | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">BA17805T</a><br>Description: IC REG LINEAR 5V 1A TO220FP       | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">BA17809CP-E2</a><br>Description: IC REG LINEAR 9V 1A TO220CP-3 | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">BA17808FP-E2</a><br>Description: IC REG LINEAR 8V 1A TO252-3   | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">BA17808T</a><br>Description: IC REG LINEAR 8V 1A TO220FP       | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">BA17806CP-E2</a><br>Description: IC REG LINEAR 6V 1A TO220CP-3 | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">BA17809T</a><br>Description: IC REG LINEAR 9V 1A TO220FP       | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">BA1604F-E2</a><br>Description: IC TONE DECODER PLL 8SOP        | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">BA15FP-E2</a><br>Description: IC REG LINEAR 15V 1A TO252-3     | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">BA17808CP-E2</a><br>Description: IC REG LINEAR 8V 1A TO220CP-3 | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">BA15DD0WT</a><br>Description: IC REG LINEAR 1.5V 2A TO220FP-5  | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <div>RFQ</div> |

Related keywords for **BA17806FP-E2**

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