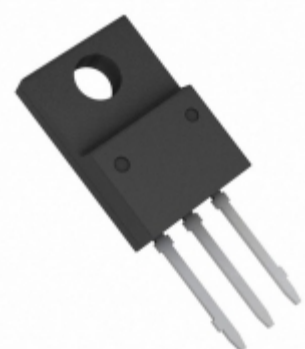


BA7805CP-E2




**Part Number:** [BA7805CP-E2](#)

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

**Description:** IC REG LINEAR 5V 1A TO220CP-3

**Data sheet:**  [TO220CP-3 Taping Spec](#)  
 [BA78\(M\)xx Series](#)

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

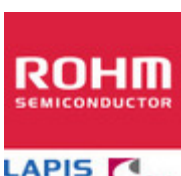
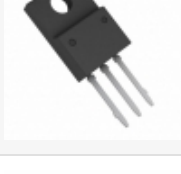
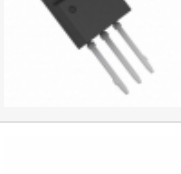
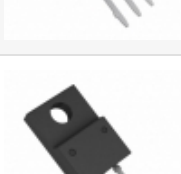
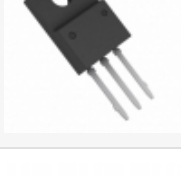
**Ship From:** Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
**Buy BA7805CP-E2 with confidence from Component-World.HK, 1 Year Warranty**

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                      |                                  |                                                                           |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|----------------------------------|---------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                      | BA7805CP-E2                                                          | Manufacturer                     | <a href="#">LAPIS Semiconductor</a>                                       |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                      | IC REG LINEAR 5V 1A TO220CP-3                                        | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                               | 166453 pcs                                                           | Data sheet                       | <a href="#">TO220CP-3 Taping Spec</a><br><a href="#">BA78(M)xx Series</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <a href="#">Integrated Circuits (ICs)</a>                            | Voltage Dropout (Max)            | 2V @ 1A (Typ)                                                             |
| Voltage - Output (Min/Fixed)                                                                                                                                                                                                                                                                                                                                                                                                                                     | 5V                                                                   | Voltage - Output (Max)           | -                                                                         |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                            | 25V                                                                  | Supplier Device Package          | TO-220CP-3                                                                |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                           | -                                                                    | Protection Features              | Over Current, Over Temperature                                            |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Tape & Reel (TR)                                                     | Package / Case                   | TO-220-3 Cropped Leads                                                    |
| PSRR                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 78dB (120Hz)                                                         | Output Type                      | Fixed                                                                     |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                             | Positive                                                             | Other Names                      | BA7805CP-E2TR<br>BA7805CPE2                                               |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                            | -40°C ~ 85°C                                                         | Number of Regulators             | 1                                                                         |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Through Hole                                                         | 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 5V 1A TO-220CP-3 | Current - Supply (Max)           | 900µA                                                                     |
| Current - Quiescent (Iq)                                                                                                                                                                                                                                                                                                                                                                                                                                         | 0.5mA                                                                | Current - Output                 | 1A                                                                        |
| Control Features                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -                                                                    | Base Part Number                 | BA78                                                                      |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all LAPIS Semiconductor series electronic components. We have 166453 pieces of LAPIS Semiconductor BA7805CP-E2 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                                                                   |                                                                                                 |                                                             |                     |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------|---------------------|
|  | <p>Part#: <a href="#">BA7665AFS-E2</a></p> <p>Description: IC DRIVER 3CH 75 OHM SSOP-A16 TR</p> | Manufacturers: <a href="#">LAPIS Semiconductor</a>          | <a href="#">RFQ</a> |
|  | <p>Part#: <a href="#">BA7666FS-E2</a></p> <p>Description: IC DRIVER 3CH 75 OHM SSOP-A16 TR</p>  | Manufacturers: <a href="#">LAPIS Semiconductor</a>          | <a href="#">RFQ</a> |
|  | <p>Part#: <a href="#">BA7808FP-E2</a></p> <p>Description: IC REG LINEAR 8V 1A TO252-3</p>       | Manufacturers: <a href="#">LAPIS Semiconductor</a>          | <a href="#">RFQ</a> |
|  | <p>Part#: <a href="#">BA7810CP-E2</a></p> <p>Description: IC REG LINEAR 10V 1A TO220CP-3</p>    | Manufacturers: <a href="#">LAPIS Semiconductor</a>          | <a href="#">RFQ</a> |
|  | <p>Part#: <a href="#">BA779-2-HG3-08</a></p> <p>Description: DIODE RF PIN 30V 50MA SOT23</p>    | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | <p>Part#: <a href="#">BA7809CP-E2</a></p> <p>Description: IC REG LINEAR 9V 1A TO220CP-3</p>     | Manufacturers: <a href="#">LAPIS Semiconductor</a>          | <a href="#">RFQ</a> |
|  | <p>Part#: <a href="#">BA7664AFV-E2</a></p> <p>Description: IC VIDEO DRIVER SSOP-B8</p>          | Manufacturers: <a href="#">LAPIS Semiconductor</a>          | <a href="#">RFQ</a> |
|  | <p>Part#: <a href="#">BA7660FS-E2</a></p> <p>Description: IC DRIVER 3CH 75 OHM SSOP-A16 TR</p>  | Manufacturers: <a href="#">LAPIS Semiconductor</a>          | <a href="#">RFQ</a> |
|  | <p>Part#: <a href="#">BA7806FP-E2</a></p> <p>Description: IC REG LINEAR 6V 1A TO252-3</p>       | Manufacturers: <a href="#">LAPIS Semiconductor</a>          | <a href="#">RFQ</a> |
|  | <p>Part#: <a href="#">BA7806CP-E2</a></p> <p>Description: IC REG LINEAR 6V 1A TO220CP-3</p>     | Manufacturers: <a href="#">LAPIS Semiconductor</a>          | <a href="#">RFQ</a> |
|  | <p>Part#: <a href="#">BA7807CP-E2</a></p> <p>Description: IC REG LINEAR 7V 1A TO220CP-3</p>     | Manufacturers: <a href="#">LAPIS Semiconductor</a>          | <a href="#">RFQ</a> |
|  | <p>Part#: <a href="#">BA7807FP-E2</a></p> <p>Description: IC REG LINEAR 7V 1A TO252-3</p>       | Manufacturers: <a href="#">LAPIS Semiconductor</a>          | <a href="#">RFQ</a> |
|  | <p>Part#: <a href="#">BA779-2-HG3-18</a></p> <p>Description: DIODE RF PIN 30V 50MA SOT23</p>    | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | <p>Part#: <a href="#">BA7660F-E2</a></p> <p>Description: IC DRIVER 3CH 75 OHM SSOP</p>          | Manufacturers: <a href="#">LAPIS Semiconductor</a>          | <a href="#">RFQ</a> |
|  | <p>Part#: <a href="#">BA779-HG3-08</a></p> <p>Description: DIODE RF PIN 30V 50MA SOT23</p>      | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | <p>Part#: <a href="#">BA7657F-E2</a></p> <p>Description: IC VIDEO SIGNAL SWITCHERS 24SOP</p>    | Manufacturers: <a href="#">LAPIS Semiconductor</a>          | <a href="#">RFQ</a> |
|  | <p>Part#: <a href="#">BA7805FP-E2</a></p> <p>Description: IC REG LINEAR 5V 1A TO252-3</p>       | Manufacturers: <a href="#">LAPIS Semiconductor</a>          | <a href="#">RFQ</a> |
|  | <p>Part#: <a href="#">BA7808CP-E2</a></p> <p>Description: IC REG LINEAR 8V 1A TO220CP-3</p>     | Manufacturers: <a href="#">LAPIS Semiconductor</a>          | <a href="#">RFQ</a> |
|  | <p>Part#: <a href="#">BA7654F-E2</a></p> <p>Description: IC VIDEO SIGNAL SWITCHERS 8SOP</p>     | Manufacturers: <a href="#">LAPIS Semiconductor</a>          | <a href="#">RFQ</a> |
|  | <p>Part#: <a href="#">BA7809FP-E2</a></p> <p>Description: IC REG LINEAR 9V 1A TO252-3</p>       | Manufacturers: <a href="#">LAPIS Semiconductor</a>          | <a href="#">RFQ</a> |

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|                                 |                         |                                |                   |
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