

LF120CV





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Part Number: [LF120CV](#)

Manufacturer: [STMicroelectronics](#)

Description: IC REG LINEAR 12V 500MA TO220AB

Data sheet:  [LF00 Series Datasheet](#)

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                                                                                                                                                                                                                                                                                                                                                                                                                                                | LF120CV                                                                | Manufacturer                   | <a href="#">STMicroelectronics</a>    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                | IC REG LINEAR 12V 500MA TO220AB                                        | Lead Free Status / RoHS Status | Lead free / RoHS Compliant            |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                         | 111660 pcs                                                             | Data sheet                     | <a href="#">LF00 Series Datasheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <a href="#">Integrated Circuits (ICs)</a>                              | Voltage Dropout (Max)          | 0.7V @ 500mA                          |
| Voltage - Output (Min/Fixed)                                                                                                                                                                                                                                                                                                                                                                                                                               | 12V                                                                    | Voltage - Output (Max)         | -                                     |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                      | 16V                                                                    | Supplier Device Package        | TO-220AB                              |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -                                                                      | Protection Features            | Over Current, Over Temperature        |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Tube                                                                   | Package / Case                 | TO-220-3                              |
| PSRR                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 69dB ~ 54dB (120Hz ~ 10kHz)                                            | Output Type                    | Fixed                                 |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                       | Positive                                                               | Operating Temperature          | -40°C ~ 125°C                         |
| Number of Regulators                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1                                                                      | Mounting Type                  | Through Hole                          |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                           | 1 (Unlimited)                                                          | Lead Free Status / RoHS Status | Lead free / RoHS Compliant            |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                       | Linear Voltage Regulator IC Positive Fixed 1 Output 12V 500mA TO-220AB | Current - Supply (Max)         | 12mA                                  |
| Current - Quiescent (Iq)                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1.5mA                                                                  | Current - Output               | 500mA                                 |
| Control Features                                                                                                                                                                                                                                                                                                                                                                                                                                           | -                                                                      | Base Part Number               | LF120                                 |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all STMicroelectronics series electronic components. We have 111660 pieces of STMicroelectronics LF120CV 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> |                                                                        |                                |                                       |

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|  | Part#: <a href="#">LF1290NP-102</a><br>Description: CMC 1MH 650MA 2LN TH            | Manufacturers: <a href="#">Sumida Corporation</a> | RFQ |
|  | Part#: <a href="#">LF1290NP-681</a><br>Description: CMC 680UH 850MA 2LN TH          | Manufacturers: <a href="#">Sumida Corporation</a> | RFQ |
|  | Part#: <a href="#">LF120ABV</a><br>Description: IC REG LIN 12V 500MA 5PENTAWATT     | Manufacturers: <a href="#">STMicroelectronics</a> | RFQ |
|  | Part#: <a href="#">LF1290NP-472</a><br>Description: CMC 4.7MH 340MA 2LN TH          | Manufacturers: <a href="#">Sumida Corporation</a> | RFQ |
|  | Part#: <a href="#">LF120V28</a><br>Description: FLUORESCENT LIGHT 120V 28-IN        | Manufacturers: <a href="#">Hoffmann</a>           | RFQ |
|  | Part#: <a href="#">LF120V18</a><br>Description: FLUORESCENT LIGHT 120V 18-IN        | Manufacturers: <a href="#">Hoffmann</a>           | RFQ |
|  | Part#: <a href="#">LF1290NP-103</a><br>Description: CMC 10MH 200MA 2LN TH           | Manufacturers: <a href="#">Sumida Corporation</a> | RFQ |
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|  | Part#: <a href="#">LF1290NP-471</a><br>Description: CMC 470UH 1.1A 2LN TH           | Manufacturers: <a href="#">Sumida Corporation</a> | RFQ |
|  | Part#: <a href="#">LF120ABDT-TR</a><br>Description: IC REG LINEAR 12V 500MA DPAK    | Manufacturers: <a href="#">STMicroelectronics</a> | RFQ |
|  | Part#: <a href="#">LF120CPT-TR</a><br>Description: IC REG LINEAR 12V 500MA PPAK     | Manufacturers: <a href="#">STMicroelectronics</a> | RFQ |
|  | Part#: <a href="#">LF120ABDT</a><br>Description: IC REG LINEAR 12V 500MA DPAK       | Manufacturers: <a href="#">STMicroelectronics</a> | RFQ |
|  | Part#: <a href="#">LF1290NP-222</a><br>Description: CMC 2.2MH 450MA 2LN TH          | Manufacturers: <a href="#">Sumida Corporation</a> | RFQ |
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