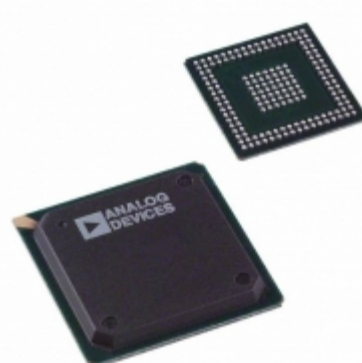


ADSP-BF533SBBZ500





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**Part Number:** [ADSP-BF533SBBZ500](#)

**Manufacturer:** [ADI \(Analog Devices, Inc.\)](#)

**Description** IC DSP CTRLR 16BIT 500MHZ 169BGA

**Data sheet:**  [ADSP-BF531,32,33 Series](#)  
 [Blackfin Processor Family](#)

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

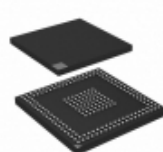
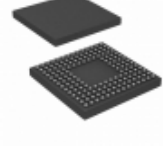
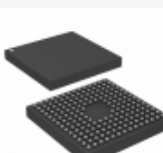
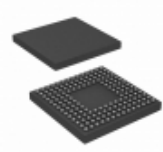
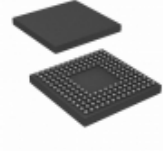
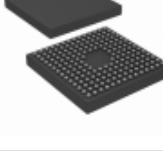
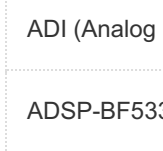
**Ship From:** Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
Buy ADSP-BF533SBBZ500 with confidence from  
Component-World.HK, 1 Year Warranty

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                           |                                  |                                                                                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|--------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | ADSP-BF533SBBZ500                         | Manufacturer                     | <a href="#">ADI (Analog Devices, Inc.)</a>                                           |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | IC DSP CTRLR 16BIT 500MHZ 169BGA          | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 3857 pcs                                  | Data sheet                       | <a href="#">ADSP-BF531,32,33 Series</a><br><a href="#">Blackfin Processor Family</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <a href="#">Integrated Circuits (ICs)</a> | Voltage - I/O                    | 3.30V                                                                                |
| Voltage - Core                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1.20V                                     | Type                             | Fixed Point                                                                          |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 169-PBGA (19x19)                          | Series                           | Blackfin®                                                                            |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Tray                                      | Package / Case                   | 169-BBGA                                                                             |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | ADSPBF533SBBZ500                          | Operating Temperature            | -40°C ~ 85°C (TA)                                                                    |
| On-Chip RAM                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 148kB                                     | Non-Volatile Memory              | ROM (1 kB)                                                                           |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Surface Mount                             | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                        |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 8 Weeks                                   | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                           |
| Interface                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | SPI, SSP, UART                            | Clock Rate                       | 500MHz                                                                               |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | ADSP-BF533                                |                                  |                                                                                      |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all ADI (Analog Devices, Inc.) series electronic components. We have 3857 pieces of ADI (Analog Devices, Inc.) ADSP-BF533SBBZ500 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="#">ADSP-BF534BBCZ-4B</a><br>Description: IC DSP CTRLR 16BIT 400MHZ 208BGA   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADSP-BF533SBSTZ400</a><br>Description: IC DSP CTRLR 16BIT 400MHZ 176LQFP | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADSP-BF533SBBC500</a><br>Description: IC DSP CTRLR 16B 500MHZ 160CSBGA   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADSP-BF532SBSTZ400</a><br>Description: IC DSP CTRLR 16BIT 400MHZ 176LQFP | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADSP-BF533SKSTZ5VC</a><br>Description: IC CCD SIGNAL PROCESSO            | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADSP-BF534BBCZ-4A</a><br>Description: IC DSP CTRLR 16BIT 182CSBGA        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADSP-BF534BBC-4A</a><br>Description: IC DSP CTRLR 16BIT 182CSBGA         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADSP-BF532SBBZ400</a><br>Description: IC DSP CTRLR 16BIT 400MHZ 169-BGA  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADSP-BF532SBSTZ4RL</a><br>Description: IC DSP CTRLR 16BIT 400MHZ 176LQFP | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADSP-BF533SBBZ400</a><br>Description: IC DSP CTRLR 16BIT 400MHZ 169-BGA  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADSP-BF533SBBCZ500</a><br>Description: IC DSP CTRLR 16B 500MHZ 160CSBGA  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADSP-BF533SKBCZ-6V</a><br>Description: IC DSP CTRLR 16B 600MHZ 160CSBGA  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADSP-BF533SBBCZ400</a><br>Description: IC PROCESSOR DL 400MHZ 160CSBGA   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADSP-BF534BBC-5A</a><br>Description: IC DSP CTRLR 16BIT 182CSBGA         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADSP-BF532SBBCZ400</a><br>Description: IC DSP CTRLR 16B 400MHZ 160CSBGA  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADSP-BF533SBBC400</a><br>Description: IC PROCESSOR 400MHZ 160CSBGA       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADSP-BF534BBCZ-5A</a><br>Description: IC DSP CTRLR 16BIT 182CSBGA        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADSP-BF533SKBC-6V</a><br>Description: IC DSP CTRLR DUAL 160CSBGA         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADSP-BF533SBBCZ-5V</a><br>Description: IC DSP CTRLR 16B 533MHZ 160CSBGA  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADSP-BF533SKSTZ-5V</a><br>Description: IC CCD SIGNAL PROCESSOR 176LQFP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |

|                                               |                               |                                              |                                       |
|-----------------------------------------------|-------------------------------|----------------------------------------------|---------------------------------------|
| Related keywords for <b>ADSP-BF533SBBZ500</b> |                               |                                              |                                       |
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| Analog Devices, Inc. ADSP-BF533SBBZ500        |                               |                                              |                                       |