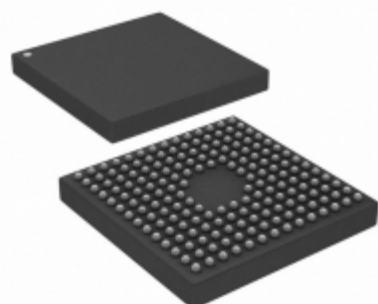


ADSP-BF536BBC-3A





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**Part Number:** [ADSP-BF536BBC-3A](#)

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

**Description:** IC DSP CTRLR 16BIT 182CSBGA

**Data sheet:**  [Blackfin Processor Family](#)  
 [ADSP-BF534,36,37](#)

**RoHs Status:** Contains lead / RoHS non-compliant

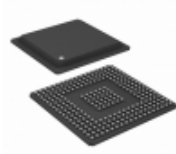
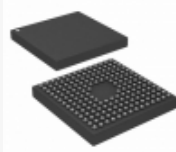
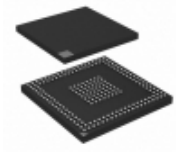
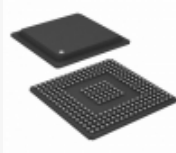
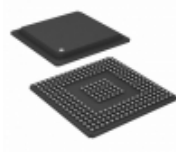
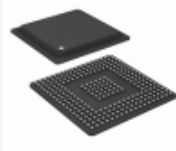
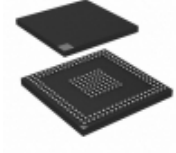
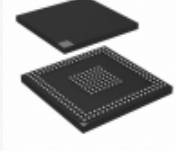
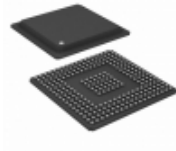
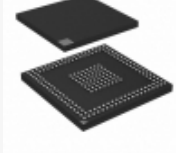
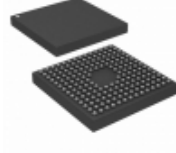
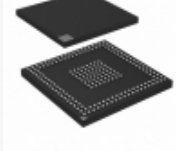
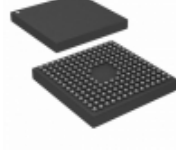
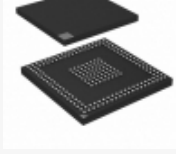
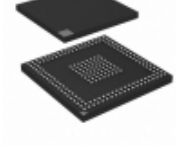
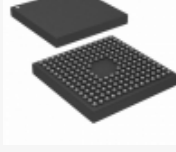
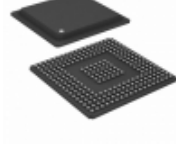
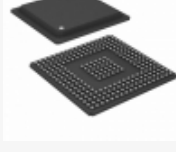
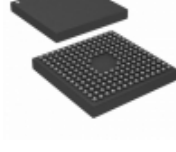
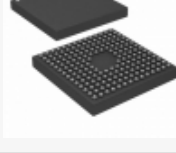
**Ship From:** Hong Kong

**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                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | ADSP-BF536BBC-3A                          | Manufacturer                   | <a href="#">ADI (Analog Devices, Inc.)</a>                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | IC DSP CTRLR 16BIT 182CSBGA               | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant                                            |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 5097 pcs                                  | Data sheet                     | <a href="#">Blackfin Processor Family</a><br><a href="#">ADSP-BF534,36,37</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <a href="#">Integrated Circuits (ICs)</a> | Voltage - I/O                  | 2.50V, 3.30V                                                                  |
| Voltage - Core                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1.20V                                     | Type                           | Fixed Point                                                                   |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 182-CSPBGA (12x12)                        | Series                         | Blackfin®                                                                     |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Tray                                      | Package / Case                 | 182-LFBGA, CSPBGA                                                             |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -40°C ~ 85°C (TA)                         | On-Chip RAM                    | 100kB                                                                         |
| Non-Volatile Memory                                                                                                                                                                                                                                                                                                                                                                                                                                                               | External                                  | Mounting Type                  | Surface Mount                                                                 |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 3 (168 Hours)                             | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant                                            |
| Interface                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | CAN, SPI, SSP, TWI, UART                  | Clock Rate                     | 300MHz                                                                        |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | ADSP-BF536                                |                                |                                                                               |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all ADI (Analog Devices, Inc.) series electronic components. We have 5097 pieces of ADI (Analog Devices, Inc.) ADSP-BF536BBC-3A 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-BF535PBB-300</a><br>Description: IC DSP CONTROLLER 16BIT 260BGA     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ADSP-BF536BBCZ-4A</a><br>Description: IC DSP CTRLR 16BIT 182CSBGA        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ADSP-BF536BBCZ-4B</a><br>Description: IC DSP CTRLR 16BIT 208CSBGA        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ADSP-BF535PKB-350</a><br>Description: IC DSP CONTROLLER 16BIT 260 BGA    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ADSP-BF535PBBZ-200</a><br>Description: IC DSP CONTROLLER 16BIT 260-BGA   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ADSP-BF535PBB-200</a><br>Description: IC DSP CONTROLLER 16BIT 260BGA     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ADSP-BF534YBCZ-4B</a><br>Description: IC DSP CTRLR 16BIT 400MHZ 208-CSP  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ADSP-BF536BBCZ-3B</a><br>Description: IC DSP CTRLR 16BIT 208CSBGA        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ADSP-BF535PKBZ-300</a><br>Description: IC DSP CONTROLLER 16BIT 260 BGA   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ADSP-BF536BBCZ3BRL</a><br>Description: IC DSP CTRLR 16BIT 208BGA         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ADSP-BF536BBCZ-3A</a><br>Description: IC DSP CTRLR 16BIT 182CSBGA        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ADSP-BF537BBCZ-5B</a><br>Description: IC DSP CTRLR 16BIT 208CSBGA        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ADSP-BF537BBCZ-5A</a><br>Description: IC DSP CTRLR 16BIT 182CSPBGA       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ADSP-BF536BBCZ4BRL</a><br>Description: IC DSP CTRLR 16BIT 208CSBGA       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ADSP-BF534BBCZ-5B</a><br>Description: IC DSP CTRLRLR 16BIT 500MHZ 182BGA | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ADSP-BF537BBCZ-5AV</a><br>Description: IC DSP CTRLR 16BIT 182CSBGA       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ADSP-BF535PKB-300</a><br>Description: IC DSP CONTROLLER 16BIT 260 BGA    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ADSP-BF535PKBZ-350</a><br>Description: IC DSP CONTROLLER 16BIT 260-BGA   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ADSP-BF537BBC-5A</a><br>Description: IC DSP CTRLR 16BIT 182CSBGA         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ADSP-BF534BBCZ-5A</a><br>Description: IC DSP CTRLR 16BIT 182CSBGA        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |

| Related keywords for ADSP-BF536BBC-3A       |                              |                                             |                                      |
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| Analog Devices, Inc. ADSP-BF536BBC-3A       |                              |                                             |                                      |