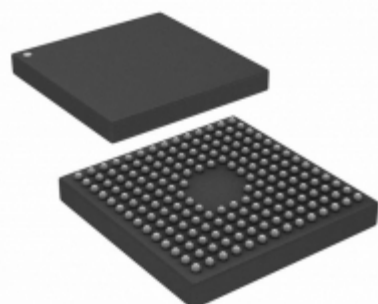


ADSP-BF537BBCZ-5AV





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Part Number: [ADSP-BF537BBCZ-5AV](#)

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

Description: IC DSP CTRL 16BIT 182CSBGA

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

RoHs Status: Lead free / RoHS Compliant

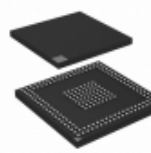
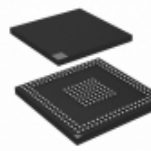
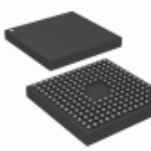
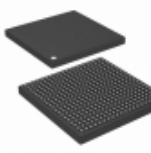
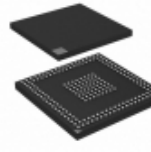
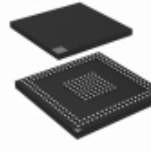
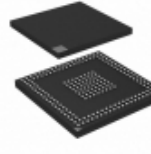
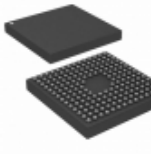
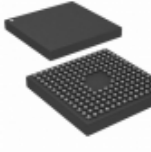
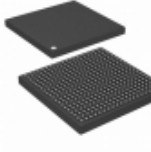
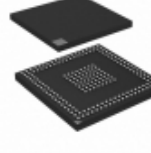
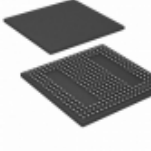
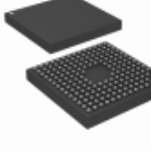
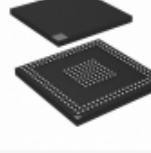
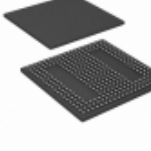
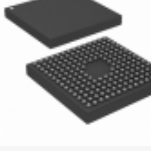
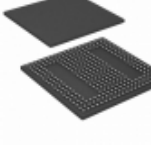
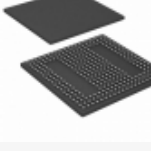
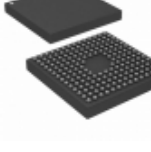
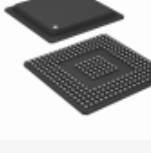
Ship From: Hong Kong

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

Images are for reference only.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                           |                                  |                                                                               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|-------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ADSP-BF537BBCZ-5AV                        | Manufacturer                     | <a href="#">ADI (Analog Devices, Inc.)</a>                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | IC DSP CTRL 16BIT 182CSBGA                | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                    |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2863 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                    | 3.30V                                                                         |
| Voltage - Core                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1.25V                                     | Type                             | Fixed Point                                                                   |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 182-CSPBGA (12x12)                        | Series                           | Blackfin®                                                                     |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Tray                                      | Package / Case                   | 182-LFBGA, CSPBGA                                                             |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ADSPBF537BBCZ5AV                          | Operating Temperature            | -40°C ~ 85°C (TA)                                                             |
| On-Chip RAM                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 132kB                                     | Non-Volatile Memory              | External                                                                      |
| 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | CAN, SPI, SSP, TWI, UART                  | Clock Rate                       | 533MHz                                                                        |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | ADSP-BF537                                |                                  |                                                                               |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all ADI (Analog Devices, Inc.) series electronic components. We have 2863 pieces of ADI (Analog Devices, Inc.) ADSP-BF537BBCZ-5AV 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-BF536BBCZ-4B</a><br>Description: IC DSP CTRL 16BIT 208CSBGA       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADSP-BF536BBCZ3BRL</a><br>Description: IC DSP CTRL 16BIT 208BGA        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADSP-BF536BBCZ-3A</a><br>Description: IC DSP CTRL 16BIT 182CSBGA       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADSP-BF542BBCZ-5A</a><br>Description: IC DSP 16BIT 533MHZ 400CSBGA     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADSP-BF537KBCZ-6BV</a><br>Description: IC DSP CTRL 16BIT 208CSBGA      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADSP-BF537BBCZ-5B</a><br>Description: IC DSP CTRL 16BIT 208CSBGA       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADSP-BF536BBCZ-3B</a><br>Description: IC DSP CTRL 16BIT 208CSBGA       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADSP-BF537BBCZ-5A</a><br>Description: IC DSP CTRL 16BIT 182CSPBGA      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADSP-BF536BBCZ-4A</a><br>Description: IC DSP CTRL 16BIT 182CSBGA       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADSP-BF542BBCZ-4A</a><br>Description: IC DSP 16BIT 400MHZ 400CSBGA     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADSP-BF537BBCZ-5BV</a><br>Description: IC DSP CTRL 16BIT 208CSBGA      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADSP-BF538BBCZ-5A</a><br>Description: IC DSP CTRL 16BIT 316CSBGA       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADSP-BF537KBCZ-6AV</a><br>Description: IC DSP CTRL 16BIT 182CSBGA      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADSP-BF536BBCZ4BRL</a><br>Description: IC DSP CTRL 16BIT 208CSBGA      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADSP-BF538BBCZ-4F8</a><br>Description: IC DSP CTRL 16BIT 316CSBGA      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADSP-BF537BBC-5A</a><br>Description: IC DSP CTRL 16BIT 182CSBGA        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADSP-BF538BBCZ-5F8</a><br>Description: IC DSP CTRL 16BIT 316CSBGA      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADSP-BF538BBCZ-4A</a><br>Description: IC DSP CTRL 16BIT 316CSBGA       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADSP-BF536BBC-3A</a><br>Description: IC DSP CTRL 16BIT 182CSBGA        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADSP-BF535PKBZ-350</a><br>Description: IC DSP CONTROLLER 16BIT 260-BGA | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |

|                                                |                                |                                               |                                        |
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