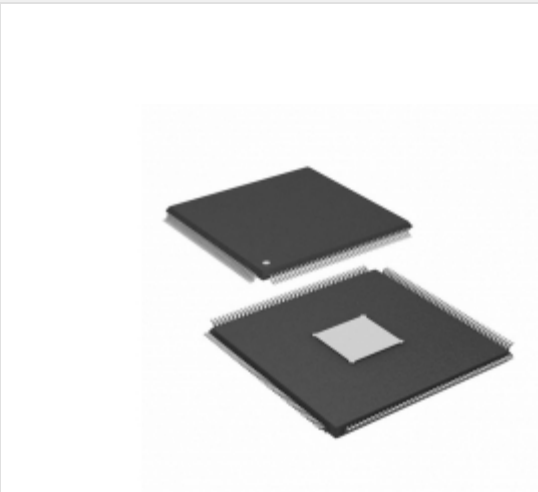


ADSP-BF514BSWZ-4





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**Part Number:** [ADSP-BF514BSWZ-4](#)

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

**Description:** IC DSP 16/32B 400MHZ LP 176LQFP

**Data sheet:**  [Blackfin Processor Family](#)  
 [ADSP-BF512/4/6/8\(F16\)](#)

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

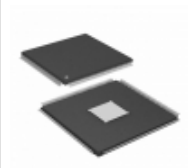
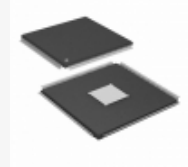
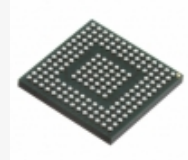
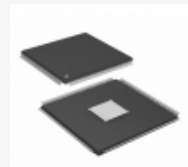
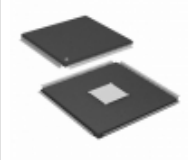
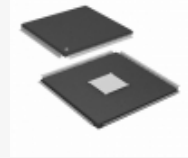
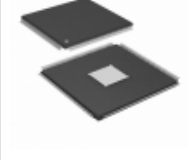
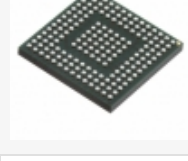
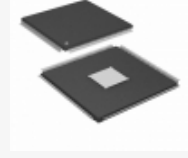
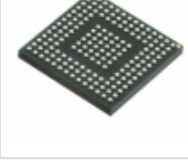
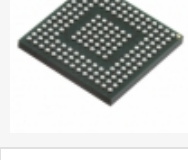
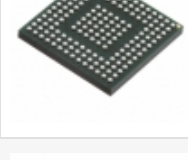
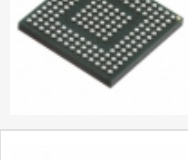
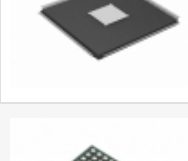
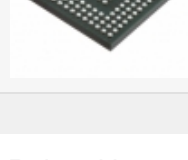
**Ship From:** Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                           |                                 |                                                                                    |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | ADSP-BF514BSWZ-4                          | Manufacturer                    | <a href="#">ADI (Analog Devices, Inc.)</a>                                         |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | IC DSP 16/32B 400MHZ LP 176LQFP           | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                         |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 5541 pcs                                  | Data sheet                      | <a href="#">Blackfin Processor Family</a><br><a href="#">ADSP-BF512/4/6/8(F16)</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <a href="#">Integrated Circuits (ICs)</a> | Voltage - I/O                   | 1.8V, 2.5V, 3.3V                                                                   |
| Voltage - Core                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1.30V                                     | Type                            | Fixed Point                                                                        |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 176-LQFP-EP (24x24)                       | Series                          | Blackfin®                                                                          |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Tray                                      | Package / Case                  | 176-LQFP Exposed Pad                                                               |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -40°C ~ 85°C (TA)                         | On-Chip RAM                     | 116kB                                                                              |
| Non-Volatile Memory                                                                                                                                                                                                                                                                                                                                                                                                                                                               | External                                  | Mounting Type                   | Surface Mount                                                                      |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 3 (168 Hours)                             | Manufacturer Standard Lead Time | 7 Weeks                                                                            |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Lead free / RoHS Compliant                | Interface                       | I²C, PPI, RSI, SPI, SPORT, UART/USART                                              |
| Clock Rate                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 400MHz                                    | Base Part Number                | ADSP-BF514                                                                         |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all ADI (Analog Devices, Inc.) series electronic components. We have 5541 pieces of ADI (Analog Devices, Inc.) ADSP-BF514BSWZ-4 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-BF514BSWZ-3</a><br>Description: IC DSP 16/32B 300MHZ LP 176LQFP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ADSP-BF514KSWZ-4</a><br>Description: IC DSP 16/32B 400MHZ LP 176LQFP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ADSP-BF514BBCZ-4F4</a><br>Description: IC DSP 16/32B 400MHZ 168CSBGA   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ADSP-BF512KBCZ-4</a><br>Description: IC DSP 16/32B 400MHZ 168CSBGA     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ADSP-BF514KBCZ-4F4</a><br>Description: IC DSP 16/32B 400MHZ 168CSBGA   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ADSP-BF514BSWZ4F16</a><br>Description: IC DSP 16/32B 400MHZ LP 176LQFP | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ADSP-BF512KSWZ-4</a><br>Description: IC DSP 16/32B 400MHZ LP 176LQFP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ADSP-BF514BSWZ-4F4</a><br>Description: IC DSP 16/32B 400MHZ LP 176LQFP | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ADSP-BF512KSWZ-4F4</a><br>Description: IC DSP 16/32B 400MHZ LP 176LQFP | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ADSP-BF514BBCZ-3</a><br>Description: IC DSP 16/32B 300MHZ 168CSBGA     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ADSP-BF514BBCZ4F16</a><br>Description: IC DSP 16/32B 400MHZ 168CSBGA   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ADSP-BF512KSWZ-3</a><br>Description: IC DSP 16/32B 300MHZ LP 176LQFP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ADSP-BF516BBCZ-3</a><br>Description: IC DSP 16/32B 300MHZ 168CSBGA     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ADSP-BF516BBCZ-4</a><br>Description: IC DSP 16/32B 400MHZ 168CSBGA     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
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| Related keywords for ADSP-BF514BSWZ-4       |                              |                                             |                                      |
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| Analog Devices, Inc. ADSP-BF514BSWZ-4       |                              |                                             |                                      |