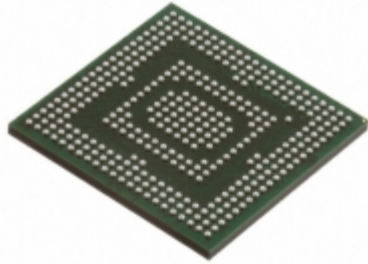


ADSP-SC583CBCZ-3A





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**Part Number:** [ADSP-SC583CBCZ-3A](#)

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

**Description:** ARM, 2X 3MB SHARC, SINGLE DDR, L

**Data sheet:**  [ADSP-SC58x, ADSP-2158x](#)

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

**Ship From:** Hong Kong

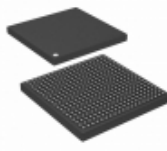
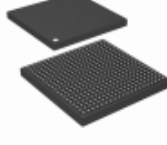
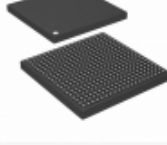
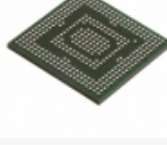
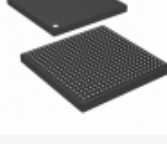
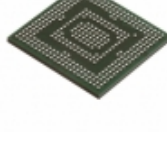
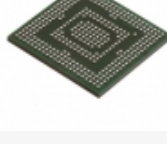
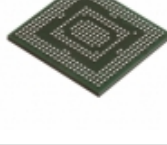
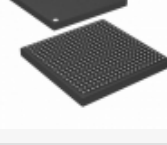
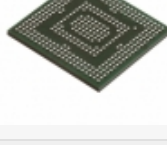
**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
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| PRODUCT PARAMETER                |                                           |                                 |                                                                                |
|----------------------------------|-------------------------------------------|---------------------------------|--------------------------------------------------------------------------------|
| Part Number                      | ADSP-SC583CBCZ-3A                         | Manufacturer                    | <a href="#">ADI (Analog Devices, Inc.)</a>                                     |
| Description                      | ARM, 2X 3MB SHARC, SINGLE DDR, L          | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                     |
| Quantity Available               | 2510 pcs                                  | Data sheet                      | <a href="#">ADSP-SC58x, ADSP-2158x</a>                                         |
| Category                         | <a href="#">Integrated Circuits (ICs)</a> | Voltage - I/O                   | 3.30V                                                                          |
| Voltage - Core                   | 1.10V                                     | Type                            | Floating Point                                                                 |
| Supplier Device Package          | 349-CSPBGA (19x19)                        | Series                          | SHARC®                                                                         |
| Packaging                        | Tray                                      | Package / Case                  | 349-LFBGA, CSPBGA                                                              |
| Operating Temperature            | -40°C ~ 95°C (TA)                         | On-Chip RAM                     | 384kB                                                                          |
| Non-Volatile Memory              | ROM (512 kB)                              | 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                       | CAN, EBI/EMI, Ethernet, DAI, I²C, MMC/SD/SDIO, SPI, SPORT, UART/USART, USB OTG |
| Clock Rate                       | 300MHz                                    | Base Part Number                | ADSP-SC583                                                                     |

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|  | Part#: <a href="#">ADSP-SC583CBCZ-4A</a><br>Description: ARM, 2X 3MB SHARC, SINGLE DDR, L | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADSP-SC583KBCZ-3A</a><br>Description: ARM, 2X 3MB SHARC, SINGLE DDR, L | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADSP-SC583KBCZ-4A</a><br>Description: ARM, 2X 3MB SHARC, SINGLE DDR, L | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADSP-SC573KBCZ-3</a><br>Description: ARM, 2X SHARC, DDR, BGA PACKAGE   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">ADSP-SC583BBCZ-3A</a><br>Description: ARM, 2X 3MB SHARC, SINGLE DDR, L | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADSP-SC584CBCZ-4A</a><br>Description: ARM, 2XSHARC, DDR, LPC PACKAGE   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">ADSP-SC584BBCZ-4A</a><br>Description: ARM, 2XSHARC, DDR, LPC PACKAGE   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADSP-SC584CBCZ-3A</a><br>Description: ARM, 2XSHARC, DDR, LPC PACKAGE   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">ADSP-SC583BBCZ-4A</a><br>Description: ARM, 2X 3MB SHARC, SINGLE DDR, L | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
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