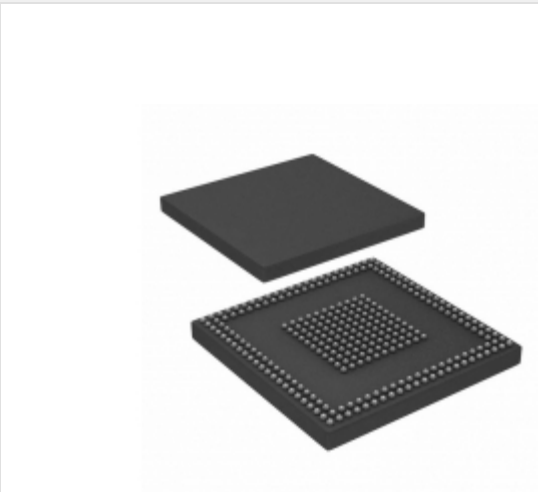


ADSP-BF523KBCZ-6





AHEAD OF WHAT'S POSSIBLE™

Part Number: [ADSP-BF523KBCZ-6](#)

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

Description IC DSP 16BIT 600MHZ 289-CSBGA

Data sheet:  [Blackfin Processor Family](#)
 [ADSP-BF522 ~ 527](#)

RoHs Status: Lead free / RoHS Compliant

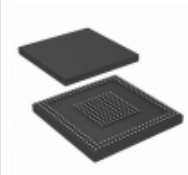
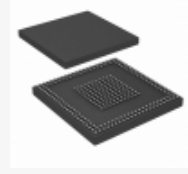
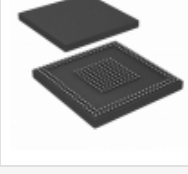
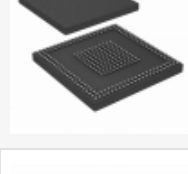
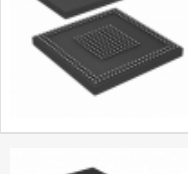
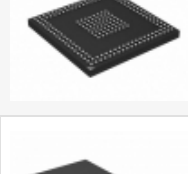
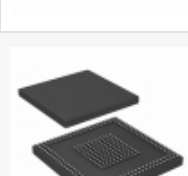
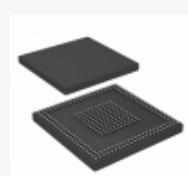
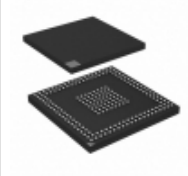
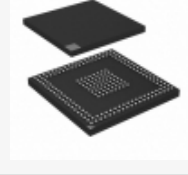
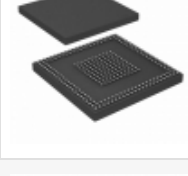
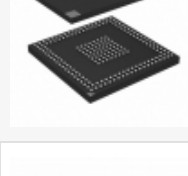
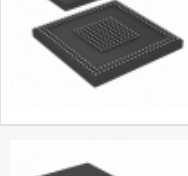
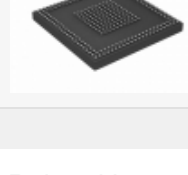
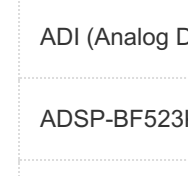
Ship From: Hong Kong

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

Images are for reference only.
See Product Specifications for product details.
Buy ADSP-BF523KBCZ-6 with confidence from Component-World.HK, 1 Year Warranty

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PRODUCT PARAMETER			
Part Number	ADSP-BF523KBCZ-6	Manufacturer	ADI (Analog Devices, Inc.)
Description	IC DSP 16BIT 600MHZ 289-CSBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5173 pcs	Data sheet	Blackfin Processor Family ADSP-BF522 ~ 527
Category	Integrated Circuits (ICs)	Voltage - I/O	1.8V, 2.5V, 3.3V
Voltage - Core	1.10V	Type	Fixed Point
Supplier Device Package	289-CSPBGA (12x12)	Series	Blackfin®
Packaging	Tray	Package / Case	289-LFBGA, CSPBGA
Operating Temperature	0°C ~ 70°C (TA)	On-Chip RAM	132kB
Non-Volatile Memory	ROM (32 kB)	Mounting Type	Surface Mount
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Interface	DMA, I²C, PPI, SPI, SPORT, UART	Clock Rate	600MHz
Base Part Number	ADSP-BF523		
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RELATED PRODUCTS			
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	Part#: ADSP-BF524KBCZ-3C2 Description: IC DSP CTRLR 300MHZ 289CSBGA	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: ADSP-BF522KBCZ-3C2 Description: IC DSP CTRLR 300MHZ 289CSBGA	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: ADSP-BF523KBCZ-5 Description: IC DSP 16BIT 533MHZ 289-CSBGA	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: ADSP-BF525ABCZ-6 Description: IC DSP CTRLR 16B 600MHZ 289BGA	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: ADSP-BF523BBCZ-5A Description: IC DSP 16BIT 533MHZ 208CSBGA	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: ADSP-BF518BSWZ4F16 Description: IC DSP 16/32B 400MHZ LP 176LQFP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: ADSP-BF524KBCZ-4C2 Description: IC DSP CTRLR 400MHZ 289CSBGA	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: ADSP-BF522BBCZ-4A Description: IC DSP CTRLR 400MHZ 208CSBGA	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: ADSP-BF524KBCZ-4 Description: IC DSP CTRLR 400MHZ 289CSBGA	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: ADSP-BF522BBCZ-3A Description: IC DSP CTRLR 300MHZ 208CSBGA	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: ADSP-BF523KBCZ-5C2 Description: IC DSP 16BIT 533MHZ 289CSBGA	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: ADSP-BF522KBCZ-3 Description: IC DSP CTRLR 300MHZ 289CSBGA	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: ADSP-BF525ABCZ-5 Description: IC DSP CTRLR 16B 533MHZ 289BGA	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: ADSP-BF524BBCZ-4A Description: IC DSP CTRLR 400MHZ 208CSBGA	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: ADSP-BF524BBCZ-3A Description: IC DSP CTRL 300MHZ 208CSBGA	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: ADSP-BF524KBCZ-3 Description: IC DSP CTRLR 300MHZ 289CSBGA	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: ADSP-BF523KBCZ-6A Description: IC DSP CTRLR 16B 600MHZ 208BGA	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: ADSP-BF522KBCZ-4C2 Description: IC DSP CTRLR 400MHZ 289CSBGA	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: ADSP-BF522KBCZ-4 Description: IC DSP CTRLR 400MHZ 289CSBGA	Manufacturers: ADI (Analog Devices, Inc.)	RFQ

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