

Image may be representation.
See specifications for product details.



ADSP-BF527BBCZ-5A

Manufacturer Part Number	ADSP-BF527BBCZ-5A
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-ADSP-BF527BBCZ-5A
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC DSP 16BIT 533MHZ 208CSBGA
Package	208-FBGA, CSPBGA
Data sheet	Cylindrical Battery Holders.pdf
	ADSP-BF522 ~ 527.pdf
RoHs Status	ROHS3 Compliant

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ADSP-BF527BBCZ-5A - Analog Devices Inc..New Original in Stock. Download Linear Technology ADSP-BF527BBCZ-5A datasheet/specifications on AllelcoElec.com.
Request a quote for ADSP-BF527BBCZ-5A, please send us email: info@allelco.com

Specifications

ADSP-BF527BBCZ-5A Tech Specifications
ADSP-BF527BBCZ-5A - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Operating Temperature	-40°C ~ 85°C (TA)
Voltage - I/O	1.8V, 2.5V, 3.3V	On-Chip RAM	132kB
Voltage - Core	1.15V	Non-Volatile Memory	ROM (32kB)
Type	Fixed Point	Mounting Type	Surface Mount
Supplier Device Package	208-CSPBGA (17x17)	Interface	DMA, Ethernet, I ² C, PPI, SPI, SPORT, UART, USB
Series	Blackfin®	Clock Rate	533MHz
Package / Case	208-FBGA, CSPBGA	Base Product Number	ADSP-BF527
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. ADSP-BF527BBCZ-5A

Product Attribute				
Part Number	ADSP-BF527BBCZ-5A	ADSP-BF526KBCZ-4	ADSP-BF525KBCZ-5	ADSP-BF526BBCZ-4A
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Clock Rate	533MHz	400MHz	533MHz	400MHz
Voltage - I/O	1.8V, 2.5V, 3.3V	1.8V, 2.5V, 3.3V	1.8V, 2.5V, 3.3V	1.8V, 2.5V, 3.3V
Type	Fixed Point	Fixed Point	Fixed Point	Fixed Point
Package	Tray	Tray	Tray	Tray
Package / Case	208-FBGA, CSPBGA	289-LFBGA, CSPBGA	289-LFBGA, CSPBGA	208-FBGA, CSPBGA
Base Product Number	ADSP-BF527	ADSP-BF526	ADSP-BF525	ADSP-BF526
Non-Volatile Memory	ROM (32kB)	ROM (32kB)	ROM (32kB)	ROM (32kB)
Operating Temperature	-40°C ~ 85°C (TA)	0°C ~ 70°C (TA)	0°C ~ 70°C (TA)	-40°C ~ 85°C (TA)
Supplier Device Package	208-CSPBGA (17x17)	289-CSPBGA (12x12)	289-CSPBGA (12x12)	208-CSPBGA (17x17)
Voltage - Core	1.15V	1.30V	1.10V	1.30V
Interface	DMA, Ethernet, I ² C, PPI, SPI, SPORT, UART, USB	DMA, Ethernet, I ² C, PPI, SPI, SPORT, UART, USB	DMA, I ² C, PPI, SPI, SPORT, UART, USB	DMA, Ethernet, I ² C, PPI, SPI, SPORT, UART, USB
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Series	Blackfin®	Blackfin®	Blackfin®	Blackfin®
On-Chip RAM	132kB	132kB	132kB	132kB

ADSP-BF527BBCZ-5A Datasheet PDF

Download ADSP-BF527BBCZ-5A pdf datasheets and Analog Devices Inc. documentation for ADSP-BF527BBCZ-5A - Analog Devices Inc..

Datasheets

[ADSP-BF522 ~ 527.pdf](#)

PCN Design/Specification

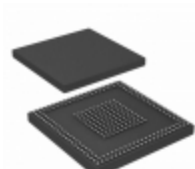
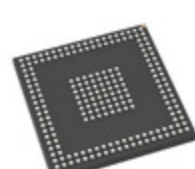
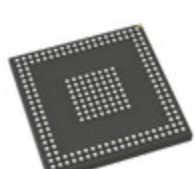
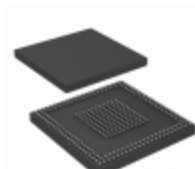
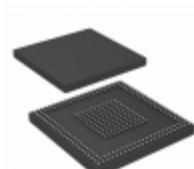
[Cylindrical Battery Holders.pdf](#)

HTML Datasheet

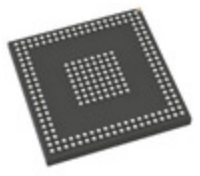
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Customers Also Interested in

Recommended Products



ADSP-BF526KBCZ-4
Analog Devices Inc.
IC DSP CTRLR 400MHZ 289CSBGA



ADSP-BF526BBCZ-3A
Analog Devices Inc.
EMBEDDED PROCESSOR, BLACKFIN

ADSP-BF525KBCZ-5
Analog Devices Inc.
IC DSP CTRLR 16B 533MHZ 289BGA



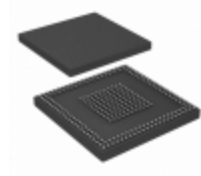
ADSP-BF531BBCZ400

ADSP-BF526BBCZ-4A
Analog Devices Inc.
IC DSP CTRLR 400MHZ 208CSBGA



ADSP-BF527CBBCZ-ENG
ADI (Analog Devices, Inc.)

ADSP-BF525BBCZ-5A
Analog Devices Inc.
IC DSP CTRLR 16B 533MHZ 208BGA



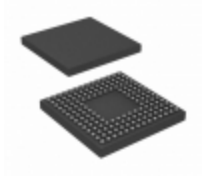
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Analog Devices Inc.
IC DSP CTRLR 300MHZ 289CSBGA

ADSP-BF524KBCZ-4C2
Analog Devices Inc.
IC DSP CTRLR 400MHZ 289CSBGA

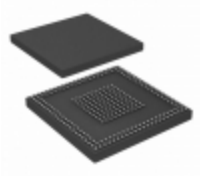


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ADI (Analog Devices, Inc.)

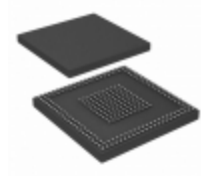
ADSP-BF527BBCZ-5AX
ADI (Analog Devices, Inc.)



ADSP-BF531SBBC400
Analog Devices Inc.
IC DSP CTRLR 16B 400MHZ 160MBGA



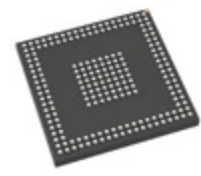
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Analog Devices Inc.
IC DSP CTRLR 16B 600MHZ 289BGA



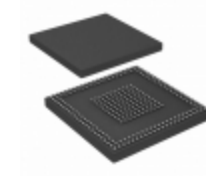
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Analog Devices Inc.
IC DSP CTRLR 16B 533MHZ 289BGA



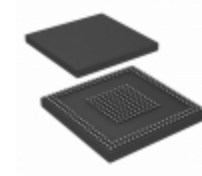
ADSP-BF531
ADI (Analog Devices, Inc.)



ADSP-BF527KBCZ-6A
Analog Devices Inc.
IC DSP 16BIT 600MHZ 208CSBGA



ADSP-BF525KBCZ-6C2
Analog Devices Inc.
IC DSP 16BIT 600MHZ 289CSBGA



ADSP-BF527KBCZ-6
Analog Devices Inc.
IC DSP CTRLR 16B 600MHZ 289BGA

Shipment

Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

Delivery Cost

> Use your express account for shipment if you have one.

> Use our account for the shipment. Refer to the table below for the approximate charges.

(Different time frame / countries / package size has different price.)

Delivery Method

> Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.

> Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference		
Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference	
Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00

Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.

Contact us if you have any questions.

Payment Support

The payment method can be chosen from the methods shown below:

Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Efficient Supply Management



Cost-Saving Procurement



Fast Sourcing & Delivery

Contact us if you have any questions.



Phone
+00852 9146 4856



Email
info@allelco.com

Certifications & Memberships



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