

Image may be representation.
See specifications for product details.



ADSP-BF706BCPZ-4

Manufacturer Part Number	ADSP-BF706BCPZ-4
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-ADSP-BF706BCPZ-4
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC DSP LP 1024KB L2SR 88LFCSP
Package	88-VFQFN Exposed Pad, CSP
Data sheet	ADSP-BF700 thru 707.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

ADSP-BF706BCPZ-4 - Analog Devices Inc..New Original in Stock. Download Linear Technology ADSP-BF706BCPZ-4 datasheet/specifications on AllelcoElec.com.
Request a quote for ADSP-BF706BCPZ-4, please send us email: info@allelco.com

Specifications

ADSP-BF706BCPZ-4 Tech Specifications
ADSP-BF706BCPZ-4 - 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, 3.3V	On-Chip RAM	1MB
Voltage - Core	1.10V	Non-Volatile Memory	ROM (512kB)
Type	Blackfin+	Mounting Type	Surface Mount
Supplier Device Package	88-LFCSP-VQ (12x12)	Interface	CAN, DSPI, EBI/EMI, I ² C, PPI, QSPI, SD/SDIO, SPI, SPORT, UART/USART, USB OTG
Series	Blackfin®	Clock Rate	400MHz
Package / Case	88-VFQFN Exposed Pad, CSP	Base Product Number	ADSP-BF706
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. ADSP-BF706BCPZ-4

Product Attribute				
Part Number	ADSP-BF706BCPZ-4	ADSP-BF707BBCZ-4	ADSP-BF702BCPZ-3	ADSP-CM408BSWZ-AF
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Clock Rate	400MHz	400MHz	300MHz	240MHz
Interface	CAN, DSPI, EBI/EMI, I ² C, PPI, QSPI, SD/SDIO, SPI, SPORT, UART/USART, USB OTG	CAN, DSPI, EBI/EMI, I ² C, PPI, QSPI, SD/SDIO, SPI, SPORT, UART/USART, USB OTG	CAN, DSPI, EBI/EMI, I ² C, PPI, QSPI, SD/SDIO, SPI, SPORT, UART/USART, USB OTG	CAN, Ethernet, I ² C, SPI, SPORT, UART/USART, USB
Non-Volatile Memory	ROM (512kB)	ROM (512kB)	ROM (512kB)	FLASH (2MB)
Series	Blackfin®	Blackfin®	Blackfin®	-
Voltage - Core	1.10V	1.10V	1.10V	1.20V
Package	Tray	Tray	Tray	Tray
Supplier Device Package	88-LFCSP-VQ (12x12)	184-CSPBGA (12x12)	88-LFCSP-VQ (12x12)	176-LQFP-EP (24x24)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package / Case	88-VFQFN Exposed Pad, CSP	184-LFBGA, CSPBGA	88-VFQFN Exposed Pad, CSP	176-LQFP Exposed Pad
On-Chip RAM	1MB	1MB	256kB	384kB
Voltage - I/O	1.8V, 3.3V	1.8V, 3.3V	1.8V, 3.3V	3.30V
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 105°C (TA)
Base Product Number	ADSP-BF706	ADSP-BF707	ADSP-BF702	ADSP-CM408
Type	Blackfin+	Blackfin+	Blackfin+	Floating Point

ADSP-BF706BCPZ-4 Datasheet PDF

Download ADSP-BF706BCPZ-4 pdf datasheets and Analog Devices Inc. documentation for ADSP-BF706BCPZ-4 - Analog Devices Inc..

Datasheets

[ADSP-BF700 thru 707.pdf](#)

Other Related Documents

[Understanding the Fundamentals of Earthquake Signa.pdf](#)

[Electric Vehicle Warning Sound System.pdf](#)

PCN Assembly/Origin

[Cancellation 14/Sep/2021.pdf](#)

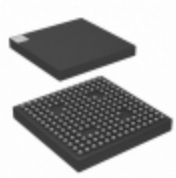
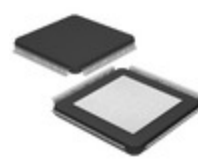
PCN Design/Specification

[ADSP-BF70y Datasheet Update 19/Jul/2017.pdf](#)

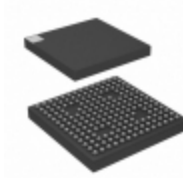
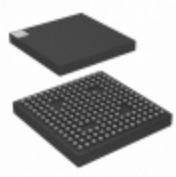
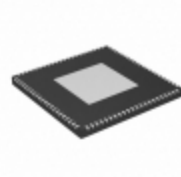
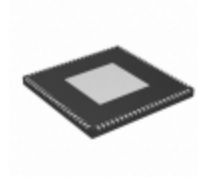
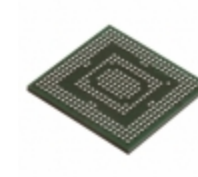
[Die Revision 22/Jun/2016.pdf](#)

Customers Also Interested in

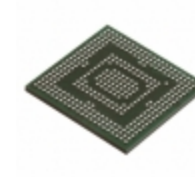
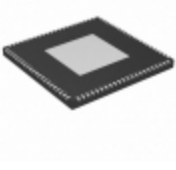
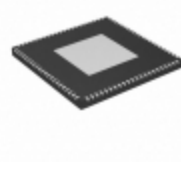
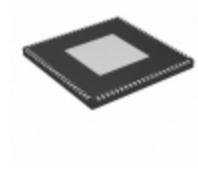
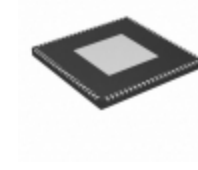
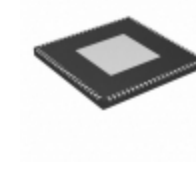
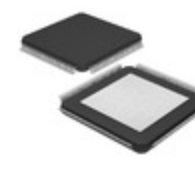
Recommended Products

**ADSP-BF707BBCZ-4**Analog Devices Inc.
IC DSP LP 1024KB L2SR 184BGA**ADSP-BF702BCPZ-3**Analog Devices Inc.
IC DSP LP 256KB L2SR 88LFCSP**ADSP-CM408BSWZ-AF**Analog Devices Inc.
IC ARM CORTEX M4 FLASH 176LQFP**ADSP-BF706CCPZ-4**

ADI (Analog Devices, Inc.)

**ADSP-CM403CSWZ-CF**ADI (Analog Devices, Inc.)
IC ARM CORTEX M4 FLASH 120LQFP**ADSP-BF701KBCZ-1**Analog Devices Inc.
IC DSP LP 128KB L2SR 184BGA**ADSP-BF707BBCZ-3**Analog Devices Inc.
IC DSP LP 1024KB L2SR 184BGA**ADSP-BF706KCPZ-3**Analog Devices Inc.
IC DSP LP 1024KB L2SR 88LFCSP**ADSP-BF700KCPZ-1**Analog Devices Inc.
IC DSP LP 128KB L2SR 88LFCSP**ADSP-BF609BBCZ-5**Analog Devices Inc.
IC DSP CTRL DUAL 349CSBGA**ADSP-BF608CBCZ-5**

ADI (Analog Devices, Inc.)

**ADSP-BF609KBCZ-5**Analog Devices Inc.
IC DSP CTRLR 349CSBGA**ADSP-BF706KCPZ-4**Analog Devices Inc.
IC DSP LP 1024KB L2SR 88LFCSP**ADSP-BF702BCPZ-4**Analog Devices Inc.
IC DSP LP 256KB L2SR 88LFCSP**ADSP-BF704BCPZ-4**Analog Devices Inc.
IC DSP LP 512KB L2SR 88LFCSP**ADSP-BF702KCPZ-4**Analog Devices Inc.
IC DSP LP 256KB L2SR 88LFCSP**ADSP-BF700BCPZ-2**Analog Devices Inc.
IC DSP LP 128KB L2SR 88LFCSP**ADSP-CM407CSWZ-BF**Analog Devices Inc.
IC ARM CORTEX M4 FLASH 176LQFP

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



[View More](#)