

Image may be representation.
See specifications for product details.



ADSP-BF592KCPZ-2

Manufacturer Part Number	ADSP-BF592KCPZ-2
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-ADSP-BF592KCPZ-2
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC DSP CTRLR 200MHZ 64LFCSP
Package	64-VFQFN Exposed Pad, CSP
Data sheet	ADSP-BF592.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

ADSP-BF592KCPZ-2 - Analog Devices Inc..New Original in Stock. Download Linear Technology ADSP-BF592KCPZ-2 datasheet/specifications on AllelcoElec.com.
Request a quote for ADSP-BF592KCPZ-2, please send us email: info@allelco.com

Specifications

ADSP-BF592KCPZ-2 Tech Specifications
ADSP-BF592KCPZ-2 - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Operating Temperature	0°C ~ 70°C (TA)
Voltage - I/O	1.8V, 2.5V, 3.3V	On-Chip RAM	64kB
Voltage - Core	1.29V	Non-Volatile Memory	ROM (64kB)
Type	Fixed Point	Mounting Type	Surface Mount
Supplier Device Package	64-LFCSP-VQ (9x9)	Interface	I ² C, I ² S, IrDA, PPI, SPI, SPORT, UART
Series	Blackfin®	Clock Rate	200MHz
Package / Case	64-VFQFN Exposed Pad, CSP	Base Product Number	ADSP-BF592
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. ADSP-BF592KCPZ-2

Product Attribute				
Part Number	ADSP-BF592KCPZ-2	ADSP-BF608BBCZ-5	ADSP-BF592BPCZ	ADSP-BF561SKBCZ-6V
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Type	Fixed Point	Dual Core	Fixed Point	Fixed Point
Package / Case	64-VFQFN Exposed Pad, CSP	349-LFBGA, CSPBGA	64-VFQFN Exposed Pad, CSP	256-LFBGA, CSPBGA
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Operating Temperature	0°C ~ 70°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	0°C ~ 70°C (TA)
On-Chip RAM	64kB	808K x 8	64kB	328kB
Package	Tray	Tray	Tray	Tray
Non-Volatile Memory	ROM (64kB)	ROM (64kB)	ROM (64kB)	External
Series	Blackfin®	Blackfin®	Blackfin®	Blackfin®
Supplier Device Package	64-LFCSP-VQ (9x9)	349-CSPBGA (19x19)	64-LFCSP-VQ (9x9)	256-CSPBGA (12x12)
Voltage - Core	1.29V	1.25V	1.29V	1.35V
Interface	I ² C, I ² S, IrDA, PPI, SPI, SPORT, UART	CAN, EBI/EMI, Ethernet, I ² C, SPI, SPORT, UART/USART, USB OTG	I ² C, I ² S, IrDA, PPI, SPI, SPORT, UART	SPI, SSP, UART
Voltage - I/O	1.8V, 2.5V, 3.3V	1.8V, 3.3V	1.8V, 2.5V, 3.3V	2.50V, 3.30V
Base Product Number	ADSP-BF592	ADSP-BF608	ADSP-BF592	ADSP-BF561
Clock Rate	200MHz	500MHz	400MHz	600MHz

ADSP-BF592KCPZ-2 Datasheet PDF

Download ADSP-BF592KCPZ-2 pdf datasheets and Analog Devices Inc. documentation for ADSP-BF592KCPZ-2 - Analog Devices Inc..

Datasheets

[ADSP-BF592.pdf](#)

PCN Design/Specification

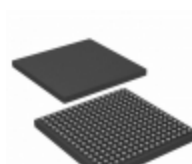
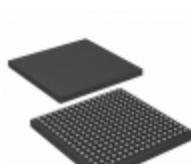
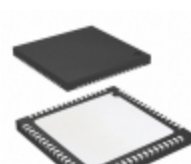
[ADSP-BF592 Blackfin Processor 27/Aug/2013.pdf](#)

PCN Assembly/Origin

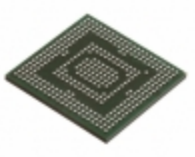
[Mult Dev Site Chgs 3/Feb/2021.pdf](#)

Customers Also Interested in

Recommended Products



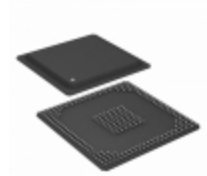
ADSP-BF608BBCZ-5
Analog Devices Inc.
IC DSP CTRLR DUAL 349CSBGA



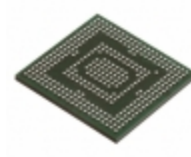
ADSP-BF592BCPZ
Analog Devices Inc.
IC DSP CTRLR 64LFCSP



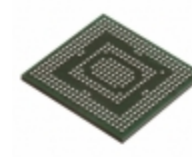
ADSP-BF561SKBCZ-6V
Analog Devices Inc.
IC DSP 32BIT 600MHZ 256CSBGA



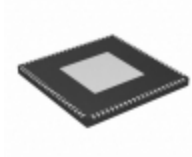
ADSP-BF607KBCZ-5
Analog Devices Inc.
IC DSP CTRLR DUAL 349CSBGA



ADSP-BF561SKBCZ500
Analog Devices Inc.
BLACK FIN, EMBEDDED, SYMMETRIC



ADSP-BF561SKB600
ADI (Analog Devices, Inc.)



ADSP-BF609KBCZ-5
Analog Devices Inc.
IC DSP CTRLR 349CSBGA

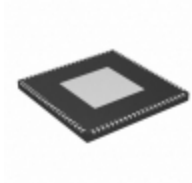
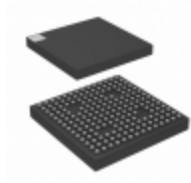
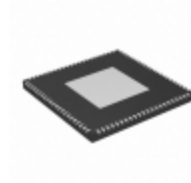
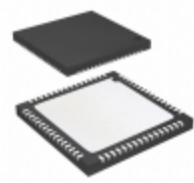
ADSP-BF561SKBCZ-500
ADI (Analog Devices, Inc.)

ADSP-BF561SKBZ600
Analog Devices Inc.
IC DSP 32BIT 600MHZ 297BGA

ADSP-BF607KBCZ-5
Analog Devices Inc.
IC DSP CTRLR 349CSBGA

ADSP-BF609BBCZ-5
Analog Devices Inc.
IC DSP CTRLR DUAL 349CSBGA

ADSP-BF702BCPZ-3
Analog Devices Inc.
IC DSP LP 256KB L2SR 88LFCSP



ADSP-BF561SKBZ6ENG
ADI (Analog Devices, Inc.)

ADSP-BF592KCPZ
Analog Devices Inc.
IC DSP CTRLR 64LFCSP

ADSP-BF700BCPZ-2
Analog Devices Inc.
IC DSP LP 128KB L2SR 88LFCSP

ADSP-BF701KBCZ-1
Analog Devices Inc.
IC DSP LP 128KB L2SR 184BGA

ADSP-BF561SKBCZ-5A
Analog Devices Inc.
IC DSP CTRLR 32BIT BKFN 256CSBGA

ADSP-BF700KCPZ-1
Analog Devices Inc.
IC DSP LP 128KB L2SR 88LFCSP

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