

Image may be representation.
See specifications for product details.



ADSP-BF518BBCZ-4

Manufacturer Part Number	ADSP-BF518BBCZ-4
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-ADSP-BF518BBCZ-4
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC DSP 16/32B 400MHZ 168CSBGA
Package	168-LFBGA, CSPBGA
Data sheet	Blackfin Processor Family.pdf ADSP-BF512/4/6/8(F16).pdf
RoHs Status	ROHS3 Compliant

Get a Quote

ADSP-BF518BBCZ-4 - Analog Devices Inc..New Original in Stock. Download Linear Technology ADSP-BF518BBCZ-4 datasheet/specifications on AllelcoElec.com.
Request a quote for ADSP-BF518BBCZ-4, please send us email: info@allelco.com

Specifications

ADSP-BF518BBCZ-4 Tech Specifications
ADSP-BF518BBCZ-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, 2.5V, 3.3V	On-Chip RAM	116kB
Voltage - Core	1.30V	Non-Volatile Memory	External
Type	Fixed Point	Mounting Type	Surface Mount
Supplier Device Package	168-CSPBGA (12x12)	Interface	Ethernet, I ² C, PPI, RSI, SPI, SPORT, UART/USART
Series	Blackfin®	Clock Rate	400MHz
Package / Case	168-LFBGA, CSPBGA	Base Product Number	ADSP-BF518
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. ADSP-BF518BBCZ-4

Product Attribute				
Part Number	ADSP-BF518BBCZ-4	ADSP-BF516BSWZ-4	ADSP-BF512KBCZ-4	ADSP-BF522BBCZ-4A
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Package	Tray	Tray	Tray	Tray
Clock Rate	400MHz	400MHz	400MHz	400MHz
Base Product Number	ADSP-BF518	ADSP-BF516	ADSP-BF512	ADSP-BF522
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	0°C ~ 70°C (TA)	-40°C ~ 85°C (TA)
On-Chip RAM	116kB	116kB	116kB	132kB
Package / Case	168-LFBGA, CSPBGA	176-LQFP Exposed Pad	168-LFBGA, CSPBGA	208-FBGA, CSPBGA
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
Series	Blackfin®	Blackfin®	Blackfin®	Blackfin®
Supplier Device Package	168-CSPBGA (12x12)	176-LQFP-EP (24x24)	168-CSPBGA (12x12)	208-CSPBGA (17x17)
Type	Fixed Point	Fixed Point	Fixed Point	Fixed Point
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Non-Volatile Memory	External	External	External	ROM (32kB)
Interface	Ethernet, I ² C, PPI, RSI, SPI, SPORT, UART/USART	Ethernet, I ² C, PPI, RSI, SPI, SPORT, UART/USART	I ² C, PPI, SPI, SPORT, UART/USART	DMA, I ² C, PPI, SPI, SPORT, UART
Voltage - Core	1.30V	1.30V	1.30V	1.30V

ADSP-BF518BBCZ-4 Datasheet PDF

Download ADSP-BF518BBCZ-4 pdf datasheets and Analog Devices Inc. documentation for ADSP-BF518BBCZ-4 - Analog Devices Inc..

Datasheets

[Blackfin Processor Family.pdf](#)

[ADSP-BF512/4/6/8\(F16\).pdf](#)

Customers Also Interested in

Recommended Products

ADSP-BF516BSWZ-4
Analog Devices Inc.
IC DSP 16/32B 400MHZ LP 176LQFP

ADSP-BF512KBCZ-4
Analog Devices Inc.
IC DSP 16/32B 400MHZ 168CSBGA

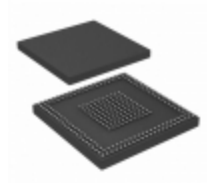
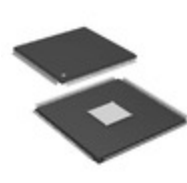
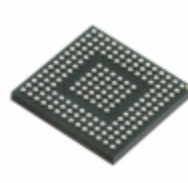
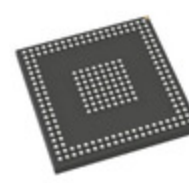
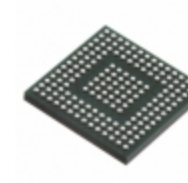
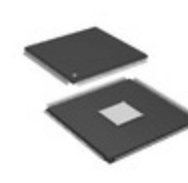
ADSP-BF522BBCZ-4A
Analog Devices Inc.
IC DSP CTRLR 400MHZ 208CSBGA

ADSP-BF518BSWZ-4X
ADI (Analog Devices, Inc.)

ADSP-BF518BBCZ4F4
ADI (Analog Devices, Inc.)

ADSP-BF524KBCZ-3C2
Analog Devices Inc.
IC DSP CTRLR 300MHZ 289CSBGA



ADSP-BF512KBCZ-3Analog Devices Inc.
IC DSP 16/32B 300MHZ 168CSBGA**ADSP-BF524KBCZ-3**Analog Devices Inc.
IC DSP CTRLR 300MHZ 289CSBGA**ADSP-BF514KSWZ-4**Analog Devices Inc.
IC DSP 16/32B 400MHZ LP 176LQFP**ADSP-BF512KSWZ-3**Analog Devices Inc.
IC DSP 16/32B 300MHZ LP 176LQFP**ADSP-BF518BSWZ-4**Analog Devices Inc.
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IC DSP CTRLR 16B 600MHZ 208BGA**ADSP-BF524BBCZ-3A**Analog Devices Inc.
IC DSP CTRLR 300MHZ 208CSBGA**ADSP-BF516KBCZ-3**Analog Devices Inc.
IC DSP 16/32B 300MHZ 168CSBGA**ADSP-BF516KSWZ-4**Analog Devices Inc.
IC DSP 16/32B 400MHZ 176LQFP**ADSP-BF512KSWZ-4**Analog Devices Inc.
IC DSP 16/32B 400MHZ LP 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



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