

Image may be representation.  
See specifications for product details.



## ADSP-21489KSWZ-4B

Manufacturer Part Number	<a href="#">ADSP-21489KSWZ-4B</a>
Manufacturer	<a href="#">Analog Devices, Inc.</a>
Allelco Part Number	32D-ADSP-21489KSWZ-4B
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC CCD SIGNAL PROCESSOR 176LQFP
Package	176-LQFP Exposed Pad
Data sheet	<a href="#">ADSP-2148x.pdf</a>
RoHs Status	ROHS3 Compliant

**Get a Quote**

ADSP-21489KSWZ-4B - Analog Devices Inc..New Original in Stock. Download Linear Technology ADSP-21489KSWZ-4B datasheet/specifications on AllelcoElec.com. Request a quote for ADSP-21489KSWZ-4B, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

ADSP-21489KSWZ-4B Tech Specifications  
ADSP-21489KSWZ-4B - 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	3.30V	On-Chip RAM	5Mbit
Voltage - Core	1.10V	Non-Volatile Memory	External
Type	Floating Point	Mounting Type	Surface Mount
Supplier Device Package	176-LQFP-EP (24x24)	Interface	EBI/EMI, DAI, I <sup>2</sup> C, SPI, SPORT, UART/USART
Series	SHARC®	Clock Rate	400MHz
Package / Case	176-LQFP Exposed Pad	Base Product Number	ADSP-21489
Package	Tray		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. ADSP-21489KSWZ-4B

Product Attribute				
Part Number	ADSP-21489KSWZ-4B	ADSP-21562KSWZ4	ADSP-21489BSWZ-3B	ADSP-21569BBCZ10
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Supplier Device Package	176-LQFP-EP (24x24)	120-LQFP-EP (14x14)	176-LQFP-EP (24x24)	400-CSPBGA (17x17)
Clock Rate	400MHz	400MHz	350MHz	1GHz
Series	SHARC®	Automotive, SHARC®	SHARC®	SHARC®
Type	Floating Point	Fixed/Floating Point	Floating Point	Fixed/Floating Point
Interface	EBI/EMI, DAI, I <sup>2</sup> C, SPI, SPORT, UART/USART	DDR3, DDR3L, I <sup>2</sup> C, Link Port, QSPI, SPDIF, SPI, SPORT, UART/USART	EBI/EMI, DAI, I <sup>2</sup> C, SPI, SPORT, UART/USART	DDR3, DDR3L, I <sup>2</sup> C, Link Port, QSPI, SPDIF, SPI, SPORT, UART/USART
Voltage - Core	1.10V	1.00V	1.10V	1.00V
Package / Case	176-LQFP Exposed Pad	120-LQFP Exposed Pad	176-LQFP Exposed Pad	400-LBGA, CSPBGA
On-Chip RAM	5Mbit	896kB	5Mbit	1.625MB
Voltage - I/O	3.30V	3.30V	3.30V	3.30V
Base Product Number	ADSP-21489	-	ADSP-21489	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Non-Volatile Memory	External	OTP (896B)	External	OTP (896B)
Package	Tray	Tray	Tray	Tray
Operating Temperature	0°C ~ 70°C (TA)	0°C ~ 70°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)

### ADSP-21489KSWZ-4B Datasheet PDF

Download ADSP-21489KSWZ-4B pdf datasheets and Analog Devices Inc. documentation for ADSP-21489KSWZ-4B - Analog Devices Inc..

#### Datasheets

[ADSP-2148x.pdf](#)

#### Other Related Documents

[An Almost Pure DDS Sine Wave Tone Generator.pdf](#)

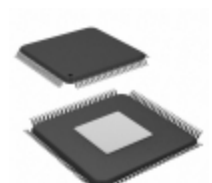
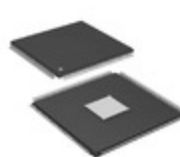
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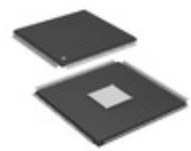
#### PCN Assembly/Origin

[Assembly Relocation Rev C 18/Oct/2016.pdf](#)

### Customers Also Interested in

#### Recommended Products

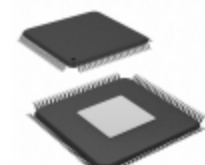


**ADSP-21562KSWZ4**Analog Devices Inc.  
400 MHZ SHARC IN AN LQFP  
PACKAGE**ADSP-21489BSWZ-4B**Analog Devices Inc.  
IC CCD SIGNAL PROCESSOR  
176LQFP**ADSP-21489**

ADI (Analog Devices, Inc.)

**ADSP-21565SWZ8-ENG**

ADI (Analog Devices, Inc.)

**ADSP-21489BSWZ-4A**Analog Devices Inc.  
IC SHARC AUDIO DSP 100LQFP**ADSP-21535PKB-300X**

ADI (Analog Devices, Inc.)

**ADSP-21489BSWZ-3B**Analog Devices Inc.  
IC CCD SIGNAL PROCESSOR  
176LQFP**ADSP-21565BSWZ10**Analog Devices Inc.  
1000 MHZ SHARC IN AN LQFP  
PACKAG**ADSP-21489-KSWZ-4B**

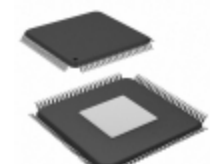
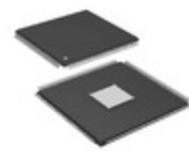
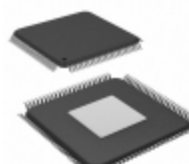
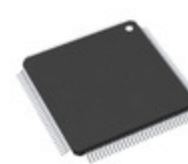
ADI (Analog Devices, Inc.)

**ADSP-21489KSWZENG**

ADI (Analog Devices, Inc.)

**ADSP-21489KSWZ**

ADI (Analog Devices, Inc.)

**ADSP-21489KSWZ-3A**Analog Devices Inc.  
IC CCD SIGNAL PROCESSOR  
100LQFP**ADSP-21569BBCZ10**Analog Devices Inc.  
1000 MHZ SHARC WITH DDR IN A  
BGA**ADSP-21489KSWZ-5B**Analog Devices Inc.  
IC CCD SIGNAL PROCESSOR  
208LQFP**ADSP-21489BSWZ-3A**Analog Devices Inc.  
IC CCD SIGNAL PROCESSOR  
100LQFP**ADSP-21489KSWZ-4A**Analog Devices Inc.  
IC SHARC AUDIO DSP 100LQFP**ADSP-21565KSWZ10**Analog Devices Inc.  
1000 MHZ SHARC IN AN LQFP  
PACKA**ADSP-21565KSWZ8**Analog Devices Inc.  
800 MHZ SHARC IN AN LQFP  
PACKAGE

## 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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### Contact us

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