

Image may be representation.  
See specifications for product details.



## ADSP-21489KSWZ-5B

Manufacturer Part Number	<a href="#">ADSP-21489KSWZ-5B</a>
Manufacturer	<a href="#">Analog Devices, Inc.</a>
Allelco Part Number	32D-ADSP-21489KSWZ-5B
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC CCD SIGNAL PROCESSOR 208LQFP
Package	176-LQFP Exposed Pad
Data sheet	<a href="#">ADSP-2148x.pdf</a>
RoHs Status	ROHS3 Compliant

**Get a Quote**

ADSP-21489KSWZ-5B - Analog Devices Inc..New Original in Stock. Download Linear Technology ADSP-21489KSWZ-5B datasheet/specifications on AllelcoElec.com. Request a quote for ADSP-21489KSWZ-5B, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

ADSP-21489KSWZ-5B Tech Specifications  
ADSP-21489KSWZ-5B - 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	450MHz
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-5B

Product Attribute				
Part Number	<a href="#">ADSP-21489KSWZ-5B</a>	<a href="#">ADSP-21489BSWZ-3B</a>	<a href="#">ADSP-21565BSWZ10</a>	<a href="#">ADSP-21489KSWZ-3A</a>
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Type	Floating Point	Floating Point	Fixed/Floating Point	Floating Point
Base Product Number	ADSP-21489	ADSP-21489	-	ADSP-21489
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Interface	EBI/EMI, DAI, I <sup>2</sup> C, 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	EBI/EMI, DAI, I <sup>2</sup> C, SPI, SPORT, UART/USART
Operating Temperature	0°C ~ 70°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)	0°C ~ 70°C (TA)
Voltage - I/O	3.30V	3.30V	3.30V	3.30V
Package / Case	176-LQFP Exposed Pad	176-LQFP Exposed Pad	120-LQFP Exposed Pad	100-LQFP Exposed Pad
Series	SHARC®	SHARC®	SHARC®	SHARC®
On-Chip RAM	5Mbit	5Mbit	1.625MB	5Mbit
Supplier Device Package	176-LQFP-EP (24x24)	176-LQFP-EP (24x24)	120-LQFP-EP (14x14)	100-LQFP-EP (14x14)
Non-Volatile Memory	External	External	OTP (896B)	External
Voltage - Core	1.10V	1.10V	1.00V	1.10V
Clock Rate	450MHz	350MHz	1GHz	350MHz
Package	Tray	Tray	Tray	Tray

### ADSP-21489KSWZ-5B Datasheet PDF

Download ADSP-21489KSWZ-5B pdf datasheets and Analog Devices Inc. documentation for ADSP-21489KSWZ-5B - Analog Devices Inc..

#### Datasheets

[ADSP-2148x.pdf](#)

#### Other Related Documents

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

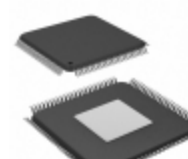
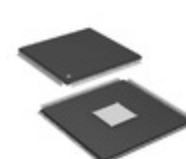
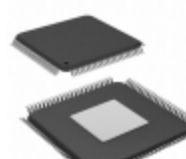
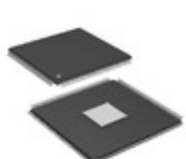
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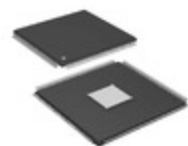
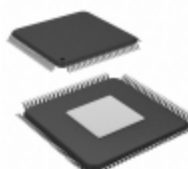
#### PCN Assembly/Origin

[Assembly Relocation Rev 08/Aug/2016.pdf](#)

### Customers Also Interested in

#### Recommended Products



**ADSP-21489BSWZ-3B**Analog Devices Inc.  
IC CCD SIGNAL PROCESSOR  
176LQFP**ADSP-21489KSWZ-4B**Analog Devices Inc.  
IC CCD SIGNAL PROCESSOR  
176LQFP**ADSP-21489BSWZ-3A**Analog Devices Inc.  
IC CCD SIGNAL PROCESSOR  
100LQFP**ADSP-21565BSWZ10**Analog Devices Inc.  
1000 MHZ SHARC IN AN LQFP  
PACKAG**ADSP-21565SWZ8-ENG**

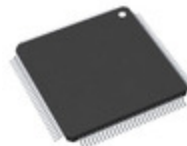
ADI (Analog Devices, Inc.)

**ADSP-21569BBCZ10**Analog Devices Inc.  
1000 MHZ SHARC WITH DDR IN A  
BGA**ADSP-21489KSWZ-3A**Analog Devices Inc.  
IC CCD SIGNAL PROCESSOR  
100LQFP**ADSP-21535PKB-300X**

ADI (Analog Devices, Inc.)

**ADSP-21489KSWZENG8**

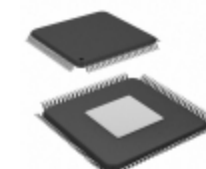
ADI (Analog Devices, Inc.)

**ADSP-21489BSWZ-4B**Analog Devices Inc.  
IC CCD SIGNAL PROCESSOR  
176LQFP**ADSP-21565KSWZ8**Analog Devices Inc.  
800 MHZ SHARC IN AN LQFP  
PACKAGE**ADSP-21562KSWZ4**Analog Devices Inc.  
400 MHZ SHARC IN AN LQFP  
PACKAGE**ADSP-21489KSWZ**

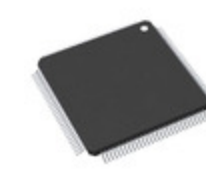
ADI (Analog Devices, Inc.)

**ADSP-21569BCZ8-ENG**

ADI (Analog Devices, Inc.)

**ADSP-21489BSWZ-4A**Analog Devices Inc.  
IC SHARC AUDIO DSP 100LQFP**ADSP-21489KSWZ-4A**Analog Devices Inc.  
IC SHARC AUDIO DSP 100LQFP**ADSP-21489-KSWZ-4B**

ADI (Analog Devices, Inc.)

**ADSP-21565KSWZ10**Analog Devices Inc.  
1000 MGHZ SHARC IN AN LQFP  
PACKA

## 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

Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong  
 Phone: +00852 9146 4856  
 Fax: +00852 3010 8510  
 Email: info@Allelco.com