



Image may be representation.
See specifications for product details.



ADSP-21489BSWZ-4A

Manufacturer Part Number	ADSP-21489BSWZ-4A
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-ADSP-21489BSWZ-4A
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC SHARC AUDIO DSP 100LQFP
Package	100-LQFP Exposed Pad
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

ADSP-21489BSWZ-4A - Analog Devices Inc..New Original in Stock. Download Linear Technology ADSP-21489BSWZ-4A datasheet/specifications on AllelcoElec.com. Request a quote for ADSP-21489BSWZ-4A, please send us email: info@allelco.com

Specifications

ADSP-21489BSWZ-4A Tech Specifications
ADSP-21489BSWZ-4A - 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	3.30V	On-Chip RAM	5Mbit
Voltage - Core	1.10V	Non-Volatile Memory	External
Type	Floating Point	Mounting Type	Surface Mount
Supplier Device Package	100-LQFP-EP (14x14)	Interface	EBI/EMI, DAI, I ² C, SPI, SPORT, UART/USART
Series	SHARC®	Clock Rate	400MHz
Package / Case	100-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-21489BSWZ-4A

Product Attribute				
Part Number	ADSP-21489BSWZ-4A	ADSP-21487KSWZ-4BB	ADSP-21489BSWZ-4B	ADSP-21489KSWZ-3A
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Operating Temperature	-40°C ~ 85°C (TA)	-	-40°C ~ 85°C (TA)	0°C ~ 70°C (TA)
Package	Tray	-	Tray	Tray
Base Product Number	ADSP-21489	-	ADSP-21489	ADSP-21489
Interface	EBI/EMI, DAI, I ² C, SPI, SPORT, UART/USART	-	EBI/EMI, DAI, I ² C, SPI, SPORT, UART/USART	EBI/EMI, DAI, I ² C, SPI, SPORT, UART/USART
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Supplier Device Package	100-LQFP-EP (14x14)	176-LQFP-EP (24x24)	176-LQFP-EP (24x24)	100-LQFP-EP (14x14)
Non-Volatile Memory	External	-	External	External
Clock Rate	400MHz	-	400MHz	350MHz
Series	SHARC®	-	SHARC®	SHARC®
On-Chip RAM	5Mbit	-	5Mbit	5Mbit
Package / Case	100-LQFP Exposed Pad	176-LQFP Exposed Pad	176-LQFP Exposed Pad	100-LQFP Exposed Pad
Voltage - I/O	3.30V	-	3.30V	3.30V
Voltage - Core	1.10V	-	1.10V	1.10V
Type	Floating Point	-	Floating Point	Floating Point

ADSP-21489BSWZ-4A Datasheet PDF

Download ADSP-21489BSWZ-4A pdf datasheets and Analog Devices Inc. documentation for ADSP-21489BSWZ-4A - Analog Devices Inc..

Datasheets

[Cylindrical Battery Holders.pdf](#)

Other Related Documents

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

[Antialiasing Filtering Considerations for High Pre.pdf](#)

PCN Assembly/Origin

[2.73KHz.pdf](#)

Customers Also Interested in

Recommended Products



ADSP-21487KSWZ-4BB Analog Devices Inc. DSP/DSC	ADSP-21489 ADI (Analog Devices, Inc.)	ADSP-21489BSWZ-4B Analog Devices Inc. IC CCD SIGNAL PROCESSOR 176LQFP	ADSP-21489KSWZ-3A Analog Devices Inc. IC CCD SIGNAL PROCESSOR 100LQFP	ADSP-21488KSWZ-3A1 Analog Devices Inc. IC DSP SHARC 400MHZ 100LQFP	ADSP-21489KSWZ ADI (Analog Devices, Inc.)
ADSP-21488KSWZ-4A Analog Devices Inc. IC CCD SIGNAL PROCESSOR 100LQFP	ADSP-21565BSWZ10 Analog Devices Inc. 1000 MHZ SHARC IN AN LQFP PACKAG	ADSP-21488KSWZ-3B Analog Devices Inc. IC CCD SIGNAL PROCESSOR 176LQFP	ADSP-21489BSWZ-3A Analog Devices Inc. IC CCD SIGNAL PROCESSOR 100LQFP	ADSP-21562KSWZ4 Analog Devices Inc. 400 MHZ SHARC IN AN LQFP PACKAGE	ADSP-21489KSWZ-5B Analog Devices Inc. IC CCD SIGNAL PROCESSOR 208LQFP
ADSP-21489KSWZ-4B Analog Devices Inc. IC CCD SIGNAL PROCESSOR 176LQFP	ADSP-21487KSWZ-4B ADI (Analog Devices, Inc.)	ADSP-21489BSWZ-3B Analog Devices Inc. IC CCD SIGNAL PROCESSOR 176LQFP	ADSP-21489KSWZ-4A Analog Devices Inc. IC SHARC AUDIO DSP 100LQFP	ADSP-21535PKB-300X ADI (Analog Devices, Inc.)	ADSP-21489KSWZENGB ADI (Analog Devices, Inc.)

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.

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info@allelco.com

Certifications & Memberships



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