




AD5379ABC

Manufacturer Part Number	AD5379ABC
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-AD5379ABC
ECAD Model	 Request Free CAD Models
Parts Description	IC DAC 14BIT V-OUT 108CSPBGA
Package	108-BGA, CSPBGA
Data sheet	AD5379.pdf



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Specifications





AD5379ABC Tech Specifications

AD5379ABC - 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
Voltage - Supply, Digital	2.7V ~ 5.5V	Number of D/A Converters	40
Voltage - Supply, Analog	8.5V ~ 16.5V , -3V ~ 16.5V	Number of Bits	14
Supplier Device Package	108-CSPBGA (13x13)	Mounting Type	Surface Mount
Settling Time	30µs	INL/DNL (LSB)	±3 (Max), -1/+1.5 (Max)
Series	-	Differential Output	No
Reference Type	External	Data Interface	SPI, DSP
Package / Case	108-BGA, CSPBGA	Base Product Number	AD5379
Package	Tray	Architecture	String DAC
Output Type	Voltage - Buffered		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. AD5379ABC

Product Attribute				
Part Number	AD5379ABC	AD5370BSTZ	AD5371BSTZ	AD5372BSTZ
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Package / Case	108-BGA, CSPBGA	64-LQFP	80-LQFP	64-LQFP
Output Type	Voltage - Buffered	Voltage - Buffered	Voltage - Buffered	Voltage - Buffered
Voltage - Supply, Digital	2.7V ~ 5.5V	2.5V ~ 5.5V	2.5V ~ 5.5V	2.5V ~ 5.5V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Package	Tray	Tray	Tray	Tray
Data Interface	SPI, DSP	SPI, DSP	SPI, DSP	SPI, DSP
Supplier Device Package	108-CSPBGA (13x13)	64-LQFP (10x10)	80-LQFP (12x12)	64-LQFP (10x10)
Architecture	String DAC	String DAC	String DAC	String DAC
INL/DNL (LSB)	±3 (Max), -1/+1.5 (Max)	±4 (Max), ±1 (Max)	±1 (Max), ±1 (Max)	±4 (Max), ±1 (Max)
Series	-	-	-	-
Number of Bits	14	16	14	16
Settling Time	30µs	30µs	30µs	30µs
Base Product Number	AD5379	AD5370	AD5371	AD5372
Reference Type	External	External	External	External
Differential Output	No	No	No	No
Voltage - Supply, Analog	8.5V ~ 16.5V , -3V ~ 16.5V	9V ~ 16.5V, -4.5V ~ 16.5V	9V ~ 16.5V, -4.5V ~ 16.5V	9V ~ 16.5V, -4.5V ~ 16.5V
Number of D/A Converters	40	40	40	32


AD5379ABC Datasheet PDF

Download AD5379ABC pdf datasheets and Analog Devices Inc. documentation for AD5379ABC - Analog Devices Inc..

Datasheets

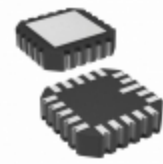
 [AD5379.pdf](#)

PCN Obsolescence/ EOL

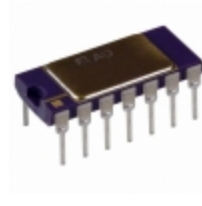
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Customers Also Interested in

Recommended Products

**AD537KD**Analog Devices Inc.
IC V/F CONV 100KHZ 14CDIP**AD537SH**Analog Devices Inc.
IC V/F CONV 100KHZ TO100-10**AD5370BSTZ**Analog Devices Inc.
IC DAC 16BIT V-OUT 64LQFP**AD536ASE/883B**Analog Devices Inc.
IC RMS TO DC CONVERTER 20LCC**AD537SD-1/SD**

ADI (Analog Devices, Inc.)

**AD5371BSTZ**Analog Devices Inc.
IC DAC 14BIT V-OUT 80LQFP**AD5372BSTZ**Analog Devices Inc.
IC DAC 16BIT V-OUT 64LQFP**AD536ASH**Analog Devices Inc.
IC RMS TO DC CONVERTER TO100-10**AD537JD**Analog Devices Inc.
IC V/F CONV 100KHZ 14CDIP**AD5372BCPZ**Analog Devices Inc.
IC DAC 16BIT V-OUT 56LFCSP**AD537SD**Analog Devices Inc.
IC V/F CONV 100KHZ 14CDIP**AD5379ABCZ**Analog Devices Inc.
IC DAC 14BIT V-OUT 108CSPBGA**AD537JH**Analog Devices Inc.
IC V/F CONV 100KHZ TO100-10**AD537KH**Analog Devices Inc.
IC V/F CONV 100KHZ TO100-10**AD537SD/883B**Analog Devices Inc.
IC V/F CONV 100KHZ 14CDIP**AD5370BCPZ**Analog Devices Inc.
IC DAC 16BIT V-OUT 64LFCSP**AD536ASH/883B**Analog Devices Inc.
IC RMS TO DC CONVERTER TO100-10**AD5373BCPZ**Analog Devices Inc.
IC DAC 14BIT V-OUT 64LFCSP

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.



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Efficient Supply
ManagementCost-Saving
ProcurementFast Sourcing &
Delivery

Contact us if you have any questions.



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