



Image may be representation.
See specifications for product details.



ADAQ4003BBCZ

Manufacturer Part Number	ADAQ4003BBCZ
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-ADAQ4003BBCZ
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC ADC 18BIT SAR 49CSPBGA
Package	49-FBGA, CSPBGA
Data sheet	ADAQ4003.pdf
RoHs Status	ROHS3 Compliant

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ADAQ4003BBCZ - Analog Devices Inc..New Original in Stock. Download Linear Technology ADAQ4003BBCZ datasheet/specifications on AllelcoElec.com.
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Specifications

ADAQ4003BBCZ Tech Specifications

ADAQ4003BBCZ - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Number of Inputs	1
Voltage - Supply, Digital	1.71V ~ 1.89V	Number of Bits	18
Voltage - Supply, Analog	1.71V ~ 1.89V	Number of A/D Converters	1
Supplier Device Package	49-CSPBGA (7x7)	Mounting Type	Surface Mount
Series	µModule®	Input Type	Differential, Single Ended
Sampling Rate (Per Second)	2M	Features	-
Reference Type	External	Data Interface	DSP, MICROWIRE, QSPI, Serial, SPI
Ratio - S/H:ADC	0:1	Configuration	ADC
Package / Case	49-FBGA, CSPBGA	Base Product Number	ADAQ4003
Package	Bulk	Architecture	SAR
Operating Temperature	-40°C ~ 125°C		

Parts with Similar Specifications

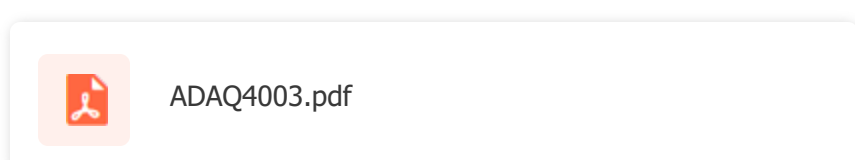
The three parts on the right have similar specifications to Analog Devices Inc. ADAQ4003BBCZ

Product Attribute				
Part Number	ADAQ4003BBCZ	ADAQ7980BCCZ	ADAR7251WBCSZ	ADAQ7988BCCZ
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Features	-	-	PGA, Simultaneous Sampling	-
Voltage - Supply, Analog	1.71V ~ 1.89V	3.7V ~ 10V	2.97V ~ 3.6V	3.7V ~ 10V
Series	µModule®	µModule®	Automotive	µModule®
Ratio - S/H:ADC	0:1	-	-	-
Supplier Device Package	49-CSPBGA (7x7)	24-LGA (5x4)	48-LFCSP-SS (7x7)	24-LGA (5x4)
Number of Bits	18	16	16	16
Input Type	Differential, Single Ended	Pseudo-Differential	Differential	Pseudo-Differential
Voltage - Supply, Digital	1.71V ~ 1.89V	3.5V ~ 10V	1.62V ~ 1.98V	3.5V ~ 10V
Operating Temperature	-40°C ~ 125°C	-55°C ~ 125°C	-40°C ~ 125°C	-55°C ~ 125°C
Sampling Rate (Per Second)	2M	1M	1.8M	500k
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Configuration	ADC	ADC	PGA-ADC	ADC
Data Interface	DSP, MICROWIRE, QSPI, Serial, SPI	MICROWIRE™, QSPI™, Serial, SPI™	SPI, Parallel	MICROWIRE™, QSPI™, Serial, SPI™
Number of A/D Converters	1	1	4	1
Package / Case	49-FBGA, CSPBGA	24-FLGA	48-WFQFN Exposed Pad, CSP	24-FLGA
Base Product Number	ADAQ4003	ADAQ7980	ADAR7251	ADAQ7988
Number of Inputs	1	1	4	1
Package	Bulk	Tray	Tray	Tray
Architecture	SAR	SAR	Sigma-Delta	SAR
Reference Type	External	External	Internal	External

ADAQ4003BBCZ Datasheet PDF

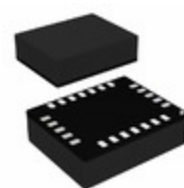
Download ADAQ4003BBCZ pdf datasheets and Analog Devices Inc. documentation for ADAQ4003BBCZ - Analog Devices Inc..

Datasheets

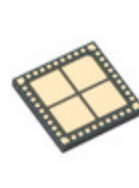
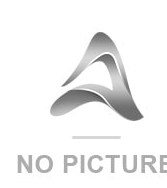


Customers Also Interested in

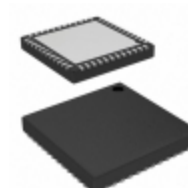
Recommended Products

**ADAQ4001BBCZ**Analog Devices Inc.
16-BIT 2 MSPS UMODULE DAQ SYSTEM**ADAQ7980BCCZ**Analog Devices Inc.
IC ADC 16BIT SAR 24LGA**ADAM42P1116TG**

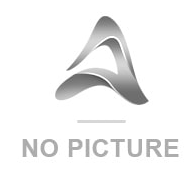
Adam Tech

**ADAR2001ACCZ**Analog Devices Inc.
4-CH FREQUENCY MULTIPLIER/FILTER**ADAM46P2008G**

ABOV

**ADAR7251WBCSZ**Analog Devices Inc.
IC ADC 16BIT SIGMA-DELTA 48LFCSP**ADAM45P5216NG**

ETACHIPS

**ADAM45P5216TG**

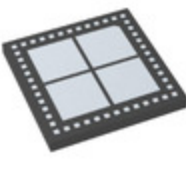
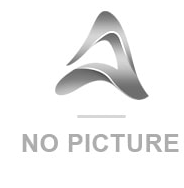
ETACHIPS

**ADAM45P5216G**

ABOV

**ADAR1000ACCZN**Analog Devices Inc.
PHASED ARRAY-RADAR CHIPSET-AESA**ADAM46P20**

ABOV

**ADAS1000-1BCPZ**Analog Devices Inc.
IC AFE 5 CHAN 19BIT 56LFCSP**ADAR2004ACCZ**Analog Devices Inc.
4-CH FREQUENCY MULTIPLIER/FILTER**ADAM45P5217G**

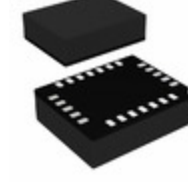
ABOV

**ADAM45P5216**

ETACHIP

**ADAM45P6217G**

ABOV

**ADAS1000-1BCPZ-RL**Analog Devices Inc.
IC AFE 5 CHAN 19BIT 56LFCSP**ADAQ7988BCCZ**Analog Devices Inc.
IC ADC 16BIT SAR 24LGA

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.

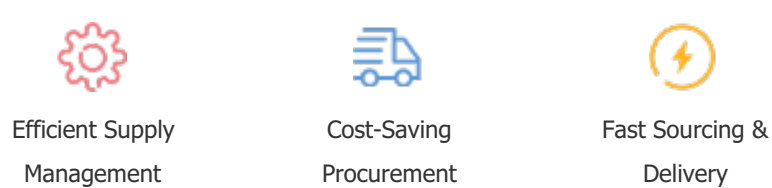
Payment Support

The payment method can be chosen from the methods shown below:

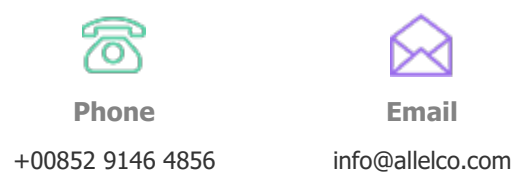
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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