

Image may be representation.
See specifications for product details.



ADUC7023BCPZ62I

Manufacturer Part Number	ADUC7023BCPZ62I
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-ADUC7023BCPZ62I
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC MCU 16/32B 62KB FLASH 32LFCSP
Package	32-WFQFN Exposed Pad, CSP
Data sheet	ADUC7023.pdf ADUC7023.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

ADUC7023BCPZ62I - Analog Devices Inc..New Original in Stock. Download Linear Technology ADUC7023BCPZ62I datasheet/specifications on AllelcoElec.com.
Request a quote for ADUC7023BCPZ62I, please send us email: info@allelco.com

Specifications

ADUC7023BCPZ62I Tech Specifications
ADUC7023BCPZ62I - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Oscillator Type	Internal
Voltage - Supply (Vcc/Vdd)	2.7V ~ 3.6V	Operating Temperature	-40°C ~ 125°C (TA)
Supplier Device Package	32-LFCSP (5x5)	Number of I/O	12
Speed	44MHz	Mounting Type	Surface Mount
Series	MicroConverter® ADuC7xxx	EEPROM Size	-
RAM Size	2K x 32	Data Converters	A/D 8x12b; D/A 4x12b
Program Memory Type	FLASH	Core Size	16/32-Bit
Program Memory Size	62KB (31K x16)	Core Processor	ARM7®
Peripherals	POR, PWM, WDT	Connectivity	I²C, SPI
Package / Case	32-WFQFN Exposed Pad, CSP	Base Product Number	ADUC7023
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. ADUC7023BCPZ62I

Product Attribute				
Part Number	ADUC7023BCPZ62I	ADUC7023BCP6Z62I	ADUC7025BSTZ62	ADUC7023BCP6Z62IRL
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Package / Case	32-WFQFN Exposed Pad, CSP	40-WFQFN Exposed Pad, CSP	64-LQFP	40-WFQFN Exposed Pad, CSP
Data Converters	A/D 8x12b; D/A 4x12b	A/D 12x12b; D/A 4x12b	A/D 12x12b	A/D 12 x12b; D/A 4x12b
Program Memory Size	62KB (31K x16)	62KB (31K x16)	62KB (31K x16)	62KB (31K x16)
Package	Tray	Tray	Tray	Tape & Reel (TR)
Base Product Number	ADUC7023	ADUC7023	ADUC7025	ADUC7023
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Core Size	16/32-Bit	16/32-Bit	16/32-Bit	16/32-Bit
Peripherals	POR, PWM, WDT	POR, PWM, WDT	PLA, PWM, PSM, Temp Sensor, WDT	POR, PWM, WDT
Series	MicroConverter® ADuC7xxx	MicroConverter® ADuC7xxx	MicroConverter® ADuC7xxx	MicroConverter® ADuC7xxx
Voltage - Supply (Vcc/Vdd)	2.7V ~ 3.6V	2.7V ~ 3.6V	2.7V ~ 3.6V	2.7V ~ 3.6V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Operating Temperature	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)
RAM Size	2K x 32	2K x 32	2K x 32	2K x 32
Oscillator Type	Internal	Internal	Internal	Internal
Supplier Device Package	32-LFCSP (5x5)	40-LFCSP-WQ (6x6)	64-LQFP (10x10)	40-LFCSP-WQ (6x6)
Number of I/O	12	20	30	20
Connectivity	I²C, SPI	I²C, SPI	EBI/EMI, I²C, SPI, UART/USART	I²C, SPI
Speed	44MHz	44MHz	44MHz	44MHz
EEPROM Size	-	-	-	-
Core Processor	ARM7®	ARM7®	ARM7®	ARM7®

ADUC7023BCPZ62I Datasheet PDF

Download ADUC7023BCPZ62I pdf datasheets and Analog Devices Inc. documentation for ADUC7023BCPZ62I - Analog Devices Inc..

Datasheets

[ADUC7023.pdf](#)

PCN Assembly/Origin

[Mult Dev 10/Nov/2022.pdf](#)

PCN Design/Specification



Datasheet/Silicon Anomaly Updates
07/Jul/2014.pdf



ADuC7023 20/Jun/2016.pdf

HTML Datasheet



ADUC7023.pdf

Customers Also Interested in

Recommended Products



ADUC7023BCP6Z62I

Analog Devices Inc.
IC MCU 16/32B 62KB FLASH
40LFCSP



ADUC7025BSTZ62

Analog Devices Inc.
IC MCU 16/32BIT 62KB FLSH 64LQFP



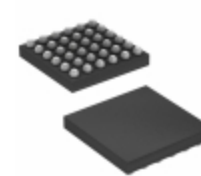
ADUC7023BCP6Z62IRL

Analog Devices Inc.
IC MCU 16/32B 62KB FLASH
40LFCSP



ADUC7023BCPZ

ADI (Analog Devices, Inc.)



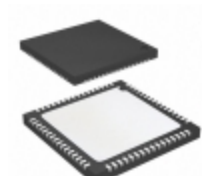
ADUC7023BCBZ62I-R7

Analog Devices Inc.
IC MCU 16/32B 62KB FLASH
36WLCSP



ADUC7023BCP6Z621

ADI (Analog Devices, Inc.)



ADUC7025BCPZ62

Analog Devices Inc.
IC MCU 16/32B 62KB FLASH
64LFCSP



ADUC7022BCPZ62

Analog Devices Inc.
IC MCU 16/32B 62KB FLASH
40LFCSP



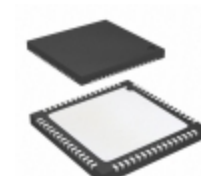
ADUC7023BCBZ62 I-R7

ADI (Analog Devices, Inc.)



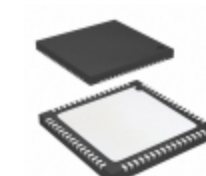
ADUC7025BSTZ62-RL

Analog Devices Inc.
IC MCU 16/32BIT 62KB FLSH 64LQFP



ADUC7024BCPZ62

Analog Devices Inc.
IC MCU 16/32B 62KB FLASH
64LFCSP



ADUC7024BCPZ62I-RL

Analog Devices Inc.
IC MCU 16/32B 62KB FLASH
64LFCSP



ADUC7023BCPZ62I-R7

Analog Devices Inc.
IC MCU 16/32B 62KB FLASH
32LFCSP



ADUC7023BCBZ62I

ADI (Analog Devices, Inc.)



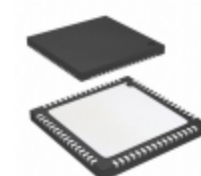
ADUC7022BCPZ32-RL

Analog Devices Inc.
IC MCU 16/32B 32KB FLASH
40LFCSP



ADUC7024BSTZ62

Analog Devices Inc.
IC MCU 16/32BIT 62KB FLSH 64LQFP



ADUC7024BCPZ62I

Analog Devices Inc.
IC MCU 16/32B 62KB FLASH
64LFCSP



ADUC7022BCPZ32

Analog Devices Inc.
IC MCU 16/32B 32KB FLASH
40LFCSP

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



View More

