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See specifications for product details.



## ADUC7023BCP6Z62IRL

Manufacturer Part Number	<b>ADUC7023BCP6Z62IRL</b>
Manufacturer	<b>Analog Devices, Inc.</b>
Allelco Part Number	32D-ADUC7023BCP6Z62IRL
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC MCU 16/32B 62KB FLASH 40LFCSP
Package	40-WFQFN Exposed Pad, CSP
Data sheet	<b>ADUC7023.pdf</b> <b>ADUC7023.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

ADUC7023BCP6Z62IRL - Analog Devices Inc..New Original in Stock. Download Linear Technology ADUC7023BCP6Z62IRL datasheet/specifications on AllelcoElec.com. Request a quote for ADUC7023BCP6Z62IRL, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

ADUC7023BCP6Z62IRL Tech Specifications  
ADUC7023BCP6Z62IRL - 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	40-LFCSP-WQ (6x6)	Number of I/O	20
Speed	44MHz	Mounting Type	Surface Mount
Series	MicroConverter® ADuC7xxx	EEPROM Size	-
RAM Size	2K x 32	Data Converters	A/D 12 x12b; 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	40-WFQFN Exposed Pad, CSP	Base Product Number	ADUC7023
Package	Tape & Reel (TR)		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. ADUC7023BCP6Z62IRL

Product Attribute				
Part Number	ADUC7023BCP6Z62IRL	<a href="#">ADUC7022BCPZ32</a>	<a href="#">ADUC7024BCPZ62</a>	<a href="#">ADUC7024BCPZ62I-RL</a>
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package / Case	40-WFQFN Exposed Pad, CSP	40-VFQFN Exposed Pad, CSP	64-VFQFN Exposed Pad, CSP	64-VFQFN Exposed Pad, CSP
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Operating Temperature	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)
Speed	44MHz	44MHz	44MHz	44MHz
Data Converters	A/D 12 x12b; D/A 4x12b	A/D 10x12b	A/D 10x12b; D/A 2x12b	A/D 10x12b; D/A 2x12b
Core Size	16/32-Bit	16/32-Bit	16/32-Bit	16/32-Bit
Oscillator Type	Internal	Internal	Internal	Internal
Number of I/O	20	13	30	30
Program Memory Size	62KB (31K x16)	32KB (16K x 16)	62KB (31K x16)	62KB (31K x16)
EEPROM Size	-	-	-	-
Package	Tape & Reel (TR)	Tray	Tray	Tape & Reel (TR)
Supplier Device Package	40-LFCSP-WQ (6x6)	40-LFCSP-VQ (6x6)	64-LFCSP-VQ (9x9)	64-LFCSP-VQ (9x9)
Series	MicroConverter® ADuC7xxx	MicroConverter® ADuC7xxx	MicroConverter® ADuC7xxx	MicroConverter® ADuC7xxx
Peripherals	POR, PWM, WDT	PLA, PWM, PSM, Temp Sensor, WDT	PLA, PWM, PSM, Temp Sensor, WDT	PLA, PWM, PSM, Temp Sensor, WDT
Voltage - Supply (Vcc/Vdd)	2.7V ~ 3.6V	2.7V ~ 3.6V	2.7V ~ 3.6V	2.7V ~ 3.6V
Base Product Number	ADUC7023	ADUC7022	ADUC7024	ADUC7024
Connectivity	I²C, SPI	EBI/EMI, I²C, SPI, UART/USART	EBI/EMI, I²C, SPI, UART/USART	EBI/EMI, I²C, SPI, UART/USART
RAM Size	2K x 32	1K x 32	2K x 32	2K x 32
Core Processor	ARM7®	ARM7®	ARM7®	ARM7®

### ADUC7023BCP6Z62IRL Datasheet PDF

Download ADUC7023BCP6Z62IRL pdf datasheets and Analog Devices Inc. documentation for ADUC7023BCP6Z62IRL - Analog Devices Inc..

#### Datasheets

[ADUC7023.pdf](#)

#### PCN Assembly/Origin

[AD/ADC/ADF/ADG/ADU 18/Jul/2022.pdf](#)

## PCN Design/Specification



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



ADuC7023 Kernel Chg 19/Oct/2018.pdf

## HTML Datasheet



ADUC7023.pdf

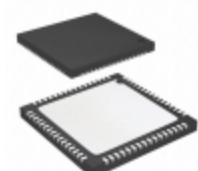
## Customers Also Interested in

### Recommended Products



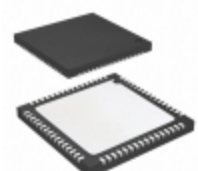
#### ADUC7022BCPZ32

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



#### ADUC7024BCPZ62

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



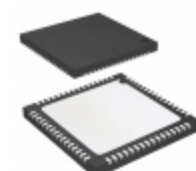
#### ADUC7024BCPZ62I-RL

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



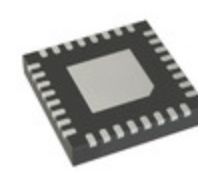
#### ADUC7024BSTZ62

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



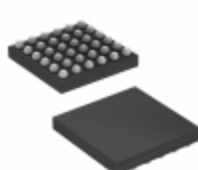
#### ADUC7024BCPZ62I

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



#### ADUC7023BCPZ62I

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



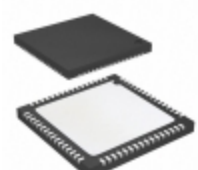
#### ADUC7023BCBZ62I-R7

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



#### ADUC7023BCPZ62I-R7

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



#### ADUC7025BCPZ62

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



#### ADUC7022BCPZ32-RL

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



#### ADUC7021BCPZ62I

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



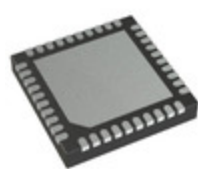
#### ADUC7023BCPZ

ADI (Analog Devices, Inc.)



#### ADUC7023BCP6Z621

ADI (Analog Devices, Inc.)



#### ADUC7023BCP6Z621

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



#### ADUC7021BCPZ62I-RL

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



#### ADUC7023BCBZ62 I-R7

ADI (Analog Devices, Inc.)



#### ADUC7022BCPZ62

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



#### ADUC7023BCBZ62I

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.



Phone

+00852 9146 4856



Email

info@allelco.com

## Certifications & Memberships



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