



Image may be representation.
See specifications for product details.



ADUC7024BCPZ62

Manufacturer Part Number	ADUC7024BCPZ62
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-ADUC7024BCPZ62
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC MCU 16/32B 62KB FLASH 64LFCSP
Package	64-VFQFN Exposed Pad, CSP
Data sheet	ADUC7019-29.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

ADUC7024BCPZ62 - Analog Devices Inc..New Original in Stock. Download Linear Technology ADUC7024BCPZ62 datasheet/specifications on AllelcoElec.com.
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Specifications

ADUC7024BCPZ62 Tech Specifications
ADUC7024BCPZ62 - 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	64-LFCSP-VQ (9x9)	Number of I/O	30
Speed	44MHz	Mounting Type	Surface Mount
Series	MicroConverter® ADuC7xxx	EEPROM Size	-
RAM Size	2K x 32	Data Converters	A/D 10x12b; D/A 2x12b
Program Memory Type	FLASH	Core Size	16/32-Bit
Program Memory Size	62KB (31K x16)	Core Processor	ARM7®
Peripherals	PLA, PWM, PSM, Temp Sensor, WDT	Connectivity	EBI/EMI, I ² C, SPI, UART/USART
Package / Case	64-VFQFN Exposed Pad, CSP	Base Product Number	ADUC7024
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. ADUC7024BCPZ62

Product Attribute				
Part Number	ADUC7024BCPZ62	ADUC7023BCP6Z62I	ADUC7026BSTZ62	ADUC7025BSTZ62-RL
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Speed	44MHz	44MHz	44MHz	44MHz
Core Processor	ARM7®	ARM7®	ARM7®	ARM7®
Data Converters	A/D 10x12b; D/A 2x12b	A/D 12x12b; D/A 4x12b	A/D 12 x12b; D/A 4x12b	A/D 12x12b
Connectivity	EBI/EMI, I ² C, SPI, UART/USART	I ² C, SPI	EBI/EMI, I ² C, SPI, UART/USART	EBI/EMI, I ² C, SPI, UART/USART
Package	Tray	Tray	Tray	Tape & Reel (TR)
RAM Size	2K x 32	2K x 32	2K x 32	2K x 32
Number of I/O	30	20	40	30
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Oscillator Type	Internal	Internal	Internal	Internal
Core Size	16/32-Bit	16/32-Bit	16/32-Bit	16/32-Bit
Peripherals	PLA, PWM, PSM, Temp Sensor, WDT	POR, PWM, WDT	PLA, PWM, PSM, Temp Sensor, WDT	PLA, PWM, PSM, Temp Sensor, WDT
Base Product Number	ADUC7024	ADUC7023	ADUC7026	ADUC7025
Package / Case	64-VFQFN Exposed Pad, CSP	40-WFQFN Exposed Pad, CSP	80-LQFP	64-LQFP
Supplier Device Package	64-LFCSP-VQ (9x9)	40-LFCSP-WQ (6x6)	80-LQFP (12x12)	64-LQFP (10x10)
Series	MicroConverter® ADuC7xxx	MicroConverter® ADuC7xxx	MicroConverter® ADuC7xxx	MicroConverter® ADuC7xxx
Program Memory Size	62KB (31K x16)	62KB (31K x16)	62KB (31K x16)	62KB (31K x16)
EEPROM Size	-	-	-	-
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)

ADUC7024BCPZ62 Datasheet PDF

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Datasheets

[ADUC7019-29.pdf](#)

PCN Assembly/Origin

[Mult Changes 09/Jun/2021.pdf](#)



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Recommended Products

ADUC7023BCP6Z62I Analog Devices Inc. IC MCU 16/32B 62KB FLASH 40LFCSP	ADUC7026BSTZ62 Analog Devices Inc. IC MCU 16/32BIT 62KB FLSH 80LQFP	ADUC7023BCPZ62I-R ADI (Analog Devices, Inc.)	ADUC7025BSTZ62-RL Analog Devices Inc. IC MCU 16/32BIT 62KB FLSH 64LQFP	ADUC7023BCP6Z62IRL Analog Devices Inc. IC MCU 16/32B 62KB FLASH 40LFCSP	ADUC7024BSTZ62 Analog Devices Inc. IC MCU 16/32BIT 62KB FLSH 64LQFP
ADUC7026BSTZ62I Analog Devices Inc. IC MCU 16/32BIT 62KB FLSH 80LQFP	ADUC7023BCPZ62I Analog Devices Inc. IC MCU 16/32B 62KB FLASH 32LFCSP	ADUC7024BCPZ62I-RL Analog Devices Inc. IC MCU 16/32B 62KB FLASH 64LFCSP	ADUC7026BSTZ62-RL Analog Devices Inc. IC MCU 16/32BIT 62KB FLSH 80LQFP	ADUC7023BCBZ62I-R7 Analog Devices Inc. IC MCU 16/32B 62KB FLASH 36WLCS	ADUC7023BCBZ62I ADI (Analog Devices, Inc.)
ADUC7023BCPZ62I-R7 Analog Devices Inc. IC MCU 16/32B 62KB FLASH 32LFCSP	ADUC7025BCPZ62 Analog Devices Inc. IC MCU 16/32B 62KB FLASH 64LFCSP	ADUC7024BCPZ62I Analog Devices Inc. IC MCU 16/32B 62KB FLASH 64LFCSP	ADUC7023BCP6Z62I ADI (Analog Devices, Inc.)	ADUC7025BSTZ62 Analog Devices Inc. IC MCU 16/32BIT 62KB FLSH 64LQFP	ADUC7023BCPZ 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
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Contact us if you have any questions.

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