



Image may be representation.
See specifications for product details.



ADUC7020BCPZ62

Manufacturer Part Number	ADUC7020BCPZ62
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-ADUC7020BCPZ62
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC MCU 16/32B 62KB FLASH 40LFCSP
Package	40-VFQFN Exposed Pad, CSP
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

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ADUC7020BCPZ62 - Analog Devices Inc..New Original in Stock. Download Linear Technology ADUC7020BCPZ62 datasheet/specifications on AllelcoElec.com.
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Specifications

ADUC7020BCPZ62 Tech Specifications
ADUC7020BCPZ62 - 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-VQ (6x6)	Number of I/O	14
Speed	44MHz	Mounting Type	Surface Mount
Series	MicroConverter® ADuC7xxx	EEPROM Size	-
RAM Size	2K x 32	Data Converters	A/D 5x12b; D/A 4x12b
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, I²C, SPI, UART/USART
Package / Case	40-VFQFN Exposed Pad, CSP	Base Product Number	ADUC7020
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. ADUC7020BCPZ62

Product Attribute				
Part Number	ADUC7020BCPZ62	ADUC7021BCPZ32-RL7	ADUC7020BCPZ62I-RL	ADUC7020BCPZ62IRL7
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
EEPROM Size	-	-	-	-
Data Converters	A/D 5x12b; D/A 4x12b	A/D 8x12b; D/A 2x12b	A/D 5x12b; D/A 4x12b	A/D 5x12b; D/A 4x12b
Series	MicroConverter® ADuC7xxx	MicroConverter® ADuC7xxx	MicroConverter® ADuC7xxx	MicroConverter® ADuC7xxx
Package / Case	40-VFQFN Exposed Pad, CSP	40-VFQFN Exposed Pad, CSP	40-WFQFN Exposed Pad, CSP	40-WFQFN Exposed Pad, CSP
Connectivity	EBI/EMI, I²C, SPI, UART/USART	EBI/EMI, I²C, SPI, UART/USART	EBI/EMI, I²C, SPI, UART/USART	EBI/EMI, I²C, SPI, UART/USART
Speed	44MHz	44MHz	44MHz	44MHz
Package	Tray	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Base Product Number	ADUC7020	ADUC7021	ADUC7020	ADUC7020
Supplier Device Package	40-LFCSP-VQ (6x6)	40-LFCSP-VQ (6x6)	40-LFCSP-WQ (6x6)	40-LFCSP-WQ (6x6)
Voltage - Supply (Vcc/Vdd)	2.7V ~ 3.6V	2.7V ~ 3.6V	2.7V ~ 3.6V	2.7V ~ 3.6V
RAM Size	2K x 32	1K x 32	2K x 32	2K x 32
Program Memory Size	62KB (31K x16)	32KB (16K x 16)	62KB (31K x16)	62KB (31K x16)
Core Size	16/32-Bit	16/32-Bit	16/32-Bit	16/32-Bit
Number of I/O	14	13	14	14
Peripherals	PLA, PWM, PSM, Temp Sensor, WDT	PLA, PWM, PSM, Temp Sensor, WDT	PLA, PWM, PSM, Temp Sensor, WDT	PLA, PWM, PSM, Temp Sensor, WDT
Oscillator Type	Internal	Internal	Internal	Internal
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)
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Core Processor	ARM7®	ARM7®	ARM7®	ARM7®

ADUC7020BCPZ62 Datasheet PDF

Download ADUC7020BCPZ62 pdf datasheets and Analog Devices Inc. documentation for ADUC7020BCPZ62 - Analog Devices Inc..

Datasheets



















[Cylindrical Battery Holders.pdf](#)

PCN Assembly/Origin

[2.73KHz.pdf](#)

Customers Also Interested in

Recommended Products

 NO PICTURE	 NO PICTURE			 NO PICTURE	
ADUC10S033R3 Amotech	ADUC7020BCPZ-62	ADUC7021BCPZ32-RL7 Analog Devices Inc. IC MCU 16/32B 32KB FLASH 40LFCSP	ADUC7020BCPZ62I-RL Analog Devices Inc. IC MCU 16/32B 62KB FLASH 40LFCSP	ADUC5S021R5 Amotech	ADUC7020 ADI (Analog Devices, Inc.)
			 NO PICTURE	 NO PICTURE	
ADUC7020BCPZ62IRL7 Analog Devices Inc. IC MCU 16/32B 62KB FLASH 40LFCSP	ADUC7019BCPZ62I Analog Devices Inc. IC MCU 16/32B 62KB FLASH 40LFCSP	ADUC7020BCPZ62I Analog Devices Inc. IC MCU 16/32B 62KB FLASH 40LFCSP	ADUC20S02010 Amotech	ADUC30S03010 Amotech	ADUC7021BCPZ62 Analog Devices Inc. IC MCU 16/32B 62KB FLASH 40LFCSP
 NO PICTURE	 NO PICTURE				
ADUC10S021R5 Amotech	ADUC10S031R1 AMOTECH	ADUC7020BCPZ62-RL7 Analog Devices Inc. IC MCU 16/32B 62KB FLASH 40LFCSP	ADUC7021BCPZ62-RL7 Analog Devices Inc. IC MCU 16/32B 62KB FLASH 40LFCSP	ADUC7020BCPZ ADI (Analog Devices, Inc.)	ADUC7021BCPZ32 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

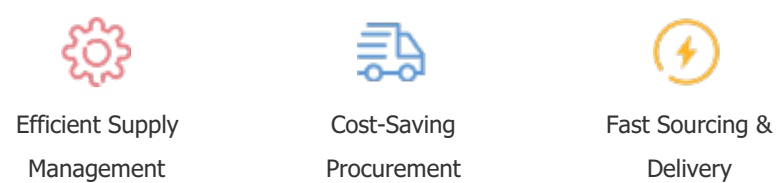
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card,
PayPal.



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