



Image may be representation.  
See specifications for product details.



## ADUC847BCPZ62-5

Manufacturer Part Number	<b>ADUC847BCPZ62-5</b>
Manufacturer	<b>Analog Devices, Inc.</b>
Allelco Part Number	32D-ADUC847BCPZ62-5
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC MCU 8BIT 62KB FLASH 56LFCSP
Package	56-VFQFN Exposed Pad, CSP
Data sheet	<b>Cylindrical Battery Holders.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

ADUC847BCPZ62-5 - Analog Devices Inc..New Original in Stock. Download Linear Technology ADUC847BCPZ62-5 datasheet/specifications on AllelcoElec.com.  
Request a quote for ADUC847BCPZ62-5, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

ADUC847BCPZ62-5 Tech Specifications  
ADUC847BCPZ62-5 - 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)	4.75V ~ 5.25V	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package	56-LFCSP-VQ (8x8)	Number of I/O	34
Speed	12.58MHz	Mounting Type	Surface Mount
Series	MicroConverter® ADuC8xx	EEPROM Size	4K x 8
RAM Size	2.25K x 8	Data Converters	A/D 10x24b; D/A 1x12b, 2x16b
Program Memory Type	FLASH	Core Size	8-Bit
Program Memory Size	62KB (62K x 8)	Core Processor	8052
Peripherals	POR, PSM, PWM, Temp Sensor, WDT	Connectivity	I <sup>2</sup> C, SPI, UART/USART
Package / Case	56-VFQFN Exposed Pad, CSP	Base Product Number	ADUC847
Package	Tray		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. ADUC847BCPZ62-5

Product Attribute				
Part Number	ADUC847BCPZ62-5	<a href="#">ADUC845BCPZ62-3</a>	<a href="#">ADUC848BCPZ62-5</a>	<a href="#">ADUC848BSZ62-3</a>
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Package / Case	56-VFQFN Exposed Pad, CSP	56-VFQFN Exposed Pad, CSP	56-VFQFN Exposed Pad, CSP	52-QFP
RAM Size	2.25K x 8	2.25K x 8	2.25K x 8	2.25K x 8
Voltage - Supply (Vcc/Vdd)	4.75V ~ 5.25V	2.7V ~ 3.6V	4.75V ~ 5.25V	2.7V ~ 3.6V
EEPROM Size	4K x 8	4K x 8	4K x 8	4K x 8
Data Converters	A/D 10x24b; D/A 1x12b, 2x16b	A/D 10x24b; D/A 1x12b, 2x16b	A/D 10x16b; D/A 1x12b, 2x16b	A/D 10x16b; D/A 1x12b, 2x16b
Connectivity	I <sup>2</sup> C, SPI, UART/USART	I <sup>2</sup> C, SPI, UART/USART	I <sup>2</sup> C, SPI, UART/USART	I <sup>2</sup> C, SPI, UART/USART
Core Processor	8052	8052	8052	8052
Peripherals	POR, PSM, PWM, Temp Sensor, WDT	POR, PSM, PWM, Temp Sensor, WDT	POR, PSM, PWM, Temp Sensor, WDT	POR, PSM, PWM, Temp Sensor, WDT
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)
Number of I/O	34	34	34	34
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Package	Tray	Tray	Tray	Tray
Supplier Device Package	56-LFCSP-VQ (8x8)	56-LFCSP-VQ (8x8)	56-LFCSP-VQ (8x8)	52-MQFP (10x10)
Series	MicroConverter® ADuC8xx	MicroConverter® ADuC8xx	MicroConverter® ADuC8xx	MicroConverter® ADuC8xx
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Speed	12.58MHz	12.58MHz	12.58MHz	12.58MHz
Base Product Number	ADUC847	ADUC845	ADUC848	ADUC848
Oscillator Type	Internal	Internal	Internal	Internal
Program Memory Size	62KB (62K x 8)	62KB (62K x 8)	62KB (62K x 8)	62KB (62K x 8)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount

### ADUC847BCPZ62-5 Datasheet PDF

Download ADUC847BCPZ62-5 pdf datasheets and Analog Devices Inc. documentation for ADUC847BCPZ62-5 - Analog Devices Inc..

#### Datasheets



















[Cylindrical Battery Holders.pdf](#)

#### PCN Assembly/Origin

[2.73KHz.pdf](#)

## Customers Also Interested in

### Recommended Products

					
<b>ADUC845BCPZ62-3</b> Analog Devices Inc. IC MCU 8BIT 62KB FLASH 56LFCSP	<b>ADUC848BCPZ62-5</b> Analog Devices Inc. IC MCU 8BIT 62KB FLASH 56LFCSP	<b>ADUC848BSZ62-3</b> Analog Devices Inc. IC MCU 8BIT 62KB FLASH 52MQFP	<b>ADUC848BCPZ62-3</b> Analog Devices Inc. IC MCU 8BIT 62KB FLASH 56LFCSP	<b>ADUC847BSZ62-5</b> Analog Devices Inc. IC MCU 8BIT 62KB FLASH 52MQFP	<b>ADUC848BS62-3</b> Analog Devices Inc. IC MCU 8BIT 62KB FLASH 52MQFP
					
<b>ADUC847BSZ8-3</b> Analog Devices Inc. IC MCU 8BIT 8KB FLASH 52MQFP	<b>ADUC843BCPZ8-5</b> Analog Devices Inc. IC MCU 8BIT 8KB FLASH 56LFCSP	<b>ADUC845BSZ62-5-RL</b> Analog Devices Inc. IC MCU 8BIT 62KB FLASH 52MQFP	<b>ADUC843BSZ62-3</b> Analog Devices Inc. IC MCU 8BIT 62KB FLASH 52MQFP	<b>ADUC848BSZ8-5</b> Analog Devices Inc. IC MCU 8BIT 8KB FLASH 52MQFP	<b>ADUC847BSZ32-5</b> Analog Devices Inc. IC MCU 8BIT 32KB FLASH 52MQFP
					
<b>ADUC845BSZ62-5</b> Analog Devices Inc. IC MCU 8BIT 62KB FLASH 52MQFP	<b>ADUC843BCPZ32-3</b> Analog Devices Inc. IC MCU 8BIT 32KB FLASH 56LFCSP	<b>ADUC842BSZ62-5</b> Analog Devices Inc. IC MCU 8BIT 62KB FLASH 52MQFP	<b>ADUC845BSZ8-5</b> Analog Devices Inc. IC MCU 8BIT 8KB FLASH 52MQFP	<b>ADUC843BSZ62-5</b> Analog Devices Inc. IC MCU 8BIT 62KB FLASH 52MQFP	<b>ADUC848BSZ62-5</b> Analog Devices Inc. IC MCU 8BIT 62KB FLASH 52MQFP

## 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

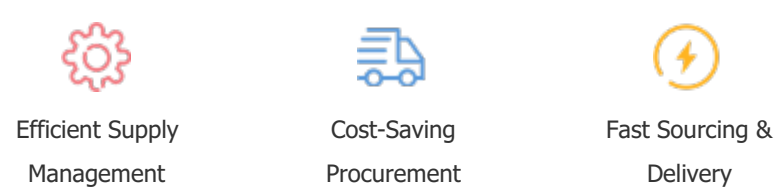
**Note:** The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

### 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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