



Image may be representation.
See specifications for product details.



ADUC832BSZ

Manufacturer Part Number	ADUC832BSZ
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-ADUC832BSZ
ECAD Model	Request Free CAD Models
Parts Description	IC MCU 8BIT 62KB FLASH 52MQFP
Package	52-QFP
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

ADUC832BSZ - Analog Devices Inc..New Original in Stock. Download Linear Technology ADUC832BSZ datasheet/specifications on AllelcoElec.com.
Request a quote for ADUC832BSZ, please send us email: info@allelco.com

Specifications

ADUC832BSZ Tech Specifications
ADUC832BSZ - 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 ~ 5.5V	Operating Temperature	-40°C ~ 125°C (TA)
Supplier Device Package	52-MQFP (10x10)	Number of I/O	34
Speed	16MHz	Mounting Type	Surface Mount
Series	MicroConverter® ADuC8xx	EEPROM Size	4K x 8
RAM Size	2.25K x 8	Data Converters	A/D 8x12b; D/A 2x12b
Program Memory Type	FLASH	Core Size	8-Bit
Program Memory Size	62KB (62K x 8)	Core Processor	8052
Peripherals	PSM, Temp Sensor, WDT	Connectivity	EBI/EMI, I ² C, SPI, UART/USART
Package / Case	52-QFP	Base Product Number	ADUC832
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. ADUC832BSZ

Product Attribute				
Part Number	ADUC832BSZ	ADUC832BSZ-REEL	ADUC836BCP	ADUC816BSZ
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Series	MicroConverter® ADuC8xx	MicroConverter® ADuC8xx	MicroConverter® ADuC8xx	MicroConverter® ADuC8xx
Program Memory Type	FLASH	FLASH	FLASH	FLASH
RAM Size	2.25K x 8	2.25K x 8	2.25K x 8	256 x 8
EEPROM Size	4K x 8	4K x 8	4K x 8	640 x 8
Number of I/O	34	34	34	34
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Base Product Number	ADUC832	ADUC832	ADUC836	ADUC816
Connectivity	EBI/EMI, I ² C, SPI, UART/USART	EBI/EMI, I ² C, SPI, UART/USART	EBI/EMI, I ² C, SPI, UART/USART	I ² C, SPI, UART/USART
Package / Case	52-QFP	52-QFP	56-VFQFN Exposed Pad, CSP	52-QFP
Peripherals	PSM, Temp Sensor, WDT	PSM, Temp Sensor, WDT	POR, PSM, PWM, Temp Sensor, WDT	PSM, Temp Sensor, WDT
Speed	16MHz	16MHz	12.58MHz	12.58MHz
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Operating Temperature	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 85°C	-40°C ~ 85°C (TA)
Data Converters	A/D 8x12b; D/A 2x12b	A/D 8x12b; D/A 2x12b	A/D 7x16b; D/A 1x12b	A/D 7x16b; D/A 1x12b
Program Memory Size	62KB (62K x 8)	62KB (62K x 8)	62KB (62K x 8)	8KB (8K x 8)
Voltage - Supply (Vcc/Vdd)	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.25V	2.7V ~ 5.5V
Core Processor	8052	8052	8052	8052
Oscillator Type	Internal	Internal	Internal	Internal
Package	Tray	Tape & Reel (TR)	Bag	Tray
Supplier Device Package	52-MQFP (10x10)	52-MQFP (10x10)	56-LFCSP-VQ (8x8)	52-MQFP (10x10)

ADUC832BSZ Datasheet PDF

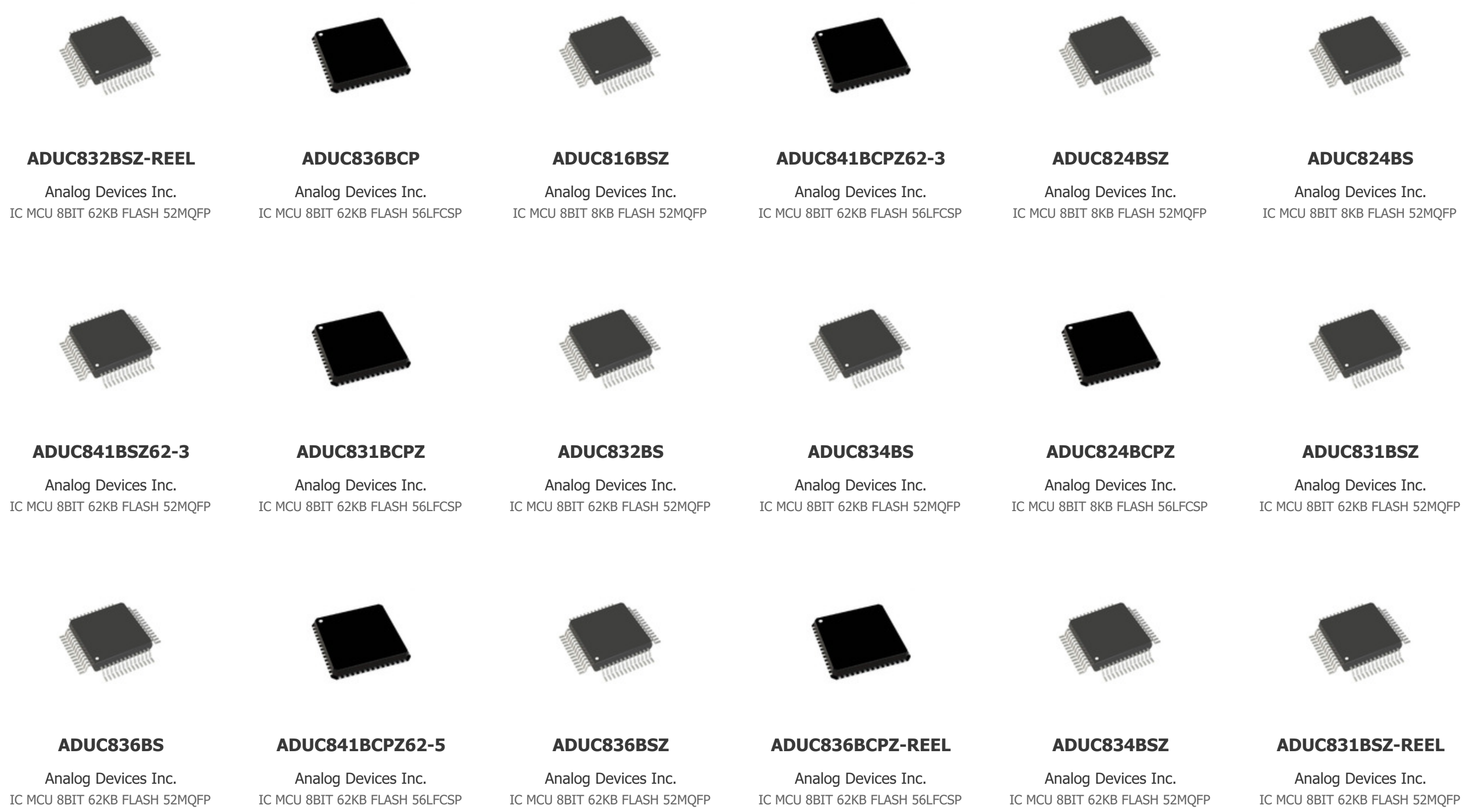
Download ADUC832BSZ pdf datasheets and Analog Devices Inc. documentation for ADUC832BSZ - Analog Devices Inc..

Datasheets

[Cylindrical Battery Holders.pdf](#)

Customers Also Interested in

Recommended Products



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

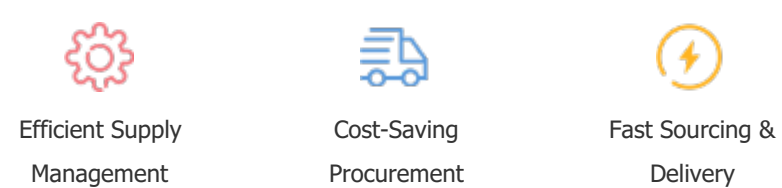
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

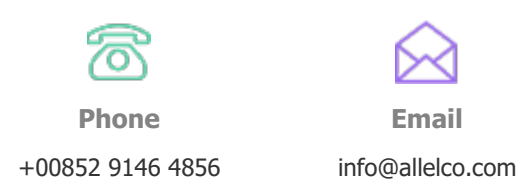
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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