



Image may be representation.
See specifications for product details.



ADUC836BSZ

Manufacturer Part Number	ADUC836BSZ
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-ADUC836BSZ
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

ADUC836BSZ - Analog Devices Inc..New Original in Stock. Download Linear Technology ADUC836BSZ datasheet/specifications on AllelcoElec.com.
Request a quote for ADUC836BSZ, please send us email: info@allelco.com

Specifications

ADUC836BSZ Tech Specifications

ADUC836BSZ - 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 ~ 5.25V	Operating Temperature	-40°C ~ 125°C (TA)
Supplier Device Package	52-MQFP (10x10)	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 7x16b; D/A 1x12b
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	EBI/EMI, I ² C, SPI, UART/USART
Package / Case	52-QFP	Base Product Number	ADUC836
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. ADUC836BSZ

Product Attribute				
Part Number	ADUC836BSZ	ADUC842BSZ62-5	ADUC836CPZ-REEL	ADUC841BSZ62-5
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Core Processor	8052	8052	8052	8052
Data Converters	A/D 7x16b; D/A 1x12b	A/D 8x12b; D/A 2x12b	A/D 7x16b; D/A 1x12b	A/D 8x12b; D/A 2x12b
Supplier Device Package	52-MQFP (10x10)	52-MQFP (10x10)	56-LFCSP-VQ (8x8)	80-PQFP (14x14)
RAM Size	2.25K x 8	2.25K x 8	2.25K x 8	2.25K x 8
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Package / Case	52-QFP	52-QFP	56-VFQFN Exposed Pad, CSP	52-QFP
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
EEPROM Size	4K x 8	-	4K x 8	-
Voltage - Supply (Vcc/Vdd)	2.7V ~ 5.25V	4.75V ~ 5.25V	2.7V ~ 5.25V	4.75V ~ 5.25V
Peripherals	POR, PSM, PWM, Temp Sensor, WDT	DMA, PSM, PWM, Temp Sensor, WDT	POR, PSM, PWM, Temp Sensor, WDT	DMA, PSM, PWM, Temp Sensor, WDT
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Package	Tray	Tray	Tape & Reel (TR)	Tray
Program Memory Size	62KB (62K x 8)	62KB (62K x 8)	62KB (62K x 8)	62KB (62K x 8)
Operating Temperature	-40°C ~ 125°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Base Product Number	ADUC836	ADUC842	ADUC836	ADUC841
Connectivity	EBI/EMI, I ² C, SPI, UART/USART	I ² C, SPI, UART/USART	EBI/EMI, I ² C, SPI, UART/USART	I ² C, SPI, UART/USART
Series	MicroConverter® ADuC8xx	MicroConverter® ADuC8xx	MicroConverter® ADuC8xx	MicroConverter® ADuC8xx
Oscillator Type	Internal	Internal	Internal	Internal
Speed	12.58MHz	16.78MHz	12.58MHz	20MHz
Number of I/O	34	32	34	32

ADUC836BSZ Datasheet PDF

Download ADUC836BSZ pdf datasheets and Analog Devices Inc. documentation for ADUC836BSZ - Analog Devices Inc..

Datasheets

[Cylindrical Battery Holders.pdf](#)

PCN Assembly/Origin

[Site Chg 24/Feb/2016.pdf](#)

Customers Also Interested in

Recommended Products



ADUC842BSZ62-5

Analog Devices Inc.
IC MCU 8BIT 62KB FLASH 52MQFP



ADUC836BCPZ-REEL

Analog Devices Inc.
IC MCU 8BIT 62KB FLASH 56LFCSP



ADUC841BSZ62-5

Analog Devices Inc.
IC MCU 8BIT 62KB FLASH 52MQFP



ADUC832BSZ-REEL

Analog Devices Inc.
IC MCU 8BIT 62KB FLASH 52MQFP



ADUC842BCPZ62-3

Analog Devices Inc.
IC MCU 8BIT 62KB FLASH 56LFCSP



ADUC842BSZ62-3

Analog Devices Inc.
IC MCU 8BIT 62KB FLASH 52MQFP



ADUC836BCP

Analog Devices Inc.
IC MCU 8BIT 62KB FLASH 56LFCSP



ADUC832BS

Analog Devices Inc.
IC MCU 8BIT 62KB FLASH 52MQFP



ADUC834BSZ

Analog Devices Inc.
IC MCU 8BIT 62KB FLASH 52MQFP



ADUC831BSZ-REEL

Analog Devices Inc.
IC MCU 8BIT 62KB FLASH 52MQFP



ADUC832BSZ

Analog Devices Inc.
IC MCU 8BIT 62KB FLASH 52MQFP



ADUC841BSZ62-3

Analog Devices Inc.
IC MCU 8BIT 62KB FLASH 52MQFP



ADUC842BCPZ62-5

Analog Devices Inc.
IC MCU 8BIT 62KB FLASH 56LFCSP



ADUC834BS

Analog Devices Inc.
IC MCU 8BIT 62KB FLASH 52MQFP



ADUC841BCPZ62-5

Analog Devices Inc.
IC MCU 8BIT 62KB FLASH 56LFCSP



ADUC841BCPZ62-3

Analog Devices Inc.
IC MCU 8BIT 62KB FLASH 56LFCSP



ADUC836BS

Analog Devices Inc.
IC MCU 8BIT 62KB FLASH 52MQFP



ADUC842BCPZ32-5

Analog Devices Inc.
IC MCU 8BIT 32KB FLASH 56LFCSP

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 Alleco 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

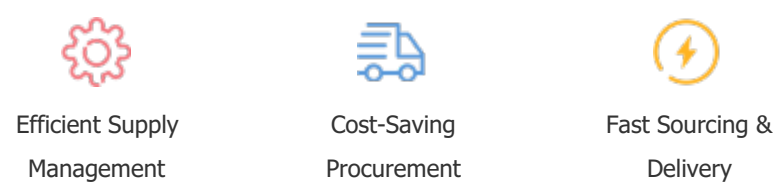
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

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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