



Image may be representation.  
See specifications for product details.



## ADUC812BSZ-REEL

Manufacturer Part Number	<b>ADUC812BSZ-REEL</b>
Manufacturer	<b>Analog Devices, Inc.</b>
Allelco Part Number	32D-ADUC812BSZ-REEL
ECAD Model	Request Free CAD Models
Parts Description	IC MCU 8BIT 8KB FLASH 52MQFP
Package	52-QFP
Data sheet	<b>Cylindrical Battery Holders.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

ADUC812BSZ-REEL - Analog Devices Inc..New Original in Stock. Download Linear Technology ADUC812BSZ-REEL datasheet/specifications on AllelcoElec.com.  
Request a quote for ADUC812BSZ-REEL, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

ADUC812BSZ-REEL Tech Specifications  
ADUC812BSZ-REEL - 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 ~ 85°C (TA)
Supplier Device Package	52-MQFP (10x10)	Number of I/O	34
Speed	16MHz	Mounting Type	Surface Mount
Series	MicroConverter® ADuC8xx	EEPROM Size	640 x 8
RAM Size	256 x 8	Data Converters	A/D 8x12b; D/A 2x12b
Program Memory Type	FLASH	Core Size	8-Bit
Program Memory Size	8KB (8K x 8)	Core Processor	8052
Peripherals	PSM, Temp Sensor, WDT	Connectivity	I <sup>2</sup> C, SPI, UART/USART
Package / Case	52-QFP	Base Product Number	ADUC812
Package	Tape & Reel (TR)		

## Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. ADUC812BSZ-REEL

Product Attribute				
Part Number	ADUC812BSZ-REEL	<b>ADUC824BS</b>	<b>ADUC816BCP</b>	<b>ADUC814ARUZ-REEL7</b>
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Speed	16MHz	12.58MHz	12.58MHz	16.78MHz
Oscillator Type	Internal	Internal	Internal	Internal
Package / Case	52-QFP	52-QFP	56-WFQFN Exposed Pad, CSP	28-TSSOP (0.173", 4.40mm Width)
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package	Tape & Reel (TR)	Bag	Tray	Tape & Reel (TR)
Data Converters	A/D 8x12b; D/A 2x12b	A/D 3x16b, 4x24b; D/A 1x12b	A/D 7x16b; D/A 1x12b	A/D 6x12b; D/A 2x12b
Base Product Number	ADUC812	ADUC824	ADUC816	ADUC814
Supplier Device Package	52-MQFP (10x10)	80-PQFP (14x14)	56-LFCSP (8x8)	28-TSSOP
EEPROM Size	640 x 8	640 x 8	640 x 8	640 x 8
Number of I/O	34	34	34	17
Voltage - Supply (Vcc/Vdd)	2.7V ~ 5.5V	2.7V ~ 5.25V	2.7V ~ 5.5V	2.7V ~ 5.5V
Peripherals	PSM, Temp Sensor, WDT	POR, PSM, Temp Sensor, WDT	PSM, Temp Sensor, WDT	POR, PSM, Temp Sensor, WDT
Series	MicroConverter® ADuC8xx	MicroConverter® ADuC8xx	MicroConverter® ADuC8xx	MicroConverter® ADuC8xx
RAM Size	256 x 8	256 x 8	256 x 8	256 x 8
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Core Processor	8052	8052	8052	8052
Connectivity	I <sup>2</sup> C, SPI, UART/USART	EBI/EMI, I <sup>2</sup> C, SPI, UART/USART	I <sup>2</sup> C, SPI, UART/USART	I <sup>2</sup> C, SPI, UART/USART
Program Memory Size	8KB (8K x 8)	8KB (8K x 8)	8KB (8K x 8)	8KB (8K x 8)

## ADUC812BSZ-REEL Datasheet PDF


Download ADUC812BSZ-REEL pdf datasheets and Analog Devices Inc. documentation for ADUC812BSZ-REEL - Analog Devices Inc..

### Datasheets

[Cylindrical Battery Holders.pdf](#)


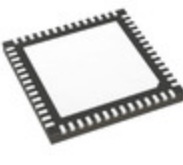




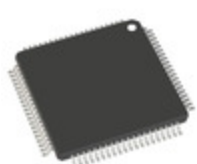



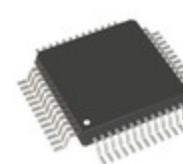
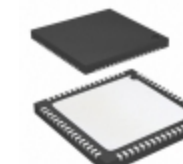






### Other Related Documents

[Tape and Reel Packaging.pdf](#)

 Site Chg 24/Feb/2016.pdf

## Customers Also Interested in

### Recommended Products

 <b>ADUC824BS</b> Analog Devices Inc. IC MCU 8BIT 8KB FLASH 52MQFP	 <b>ADUC816BCP</b> Analog Devices Inc. IC MCU 8BIT 8KB FLASH 56LFCSP	 <b>ADUC814ARUZ-REEL7</b> Analog Devices Inc. IC MCU 8BIT 8KB FLASH 28TSSOP	 <b>ADUC7129BSTZ126-RL</b> Analog Devices Inc. IC MCU 16/32B 126KB FLASH 80LQFP	 <b>ADUC814BRUZ</b> Analog Devices Inc. IC MCU 8BIT 8KB FLASH 28TSSOP	 <b>ADUC812BCPZ</b> Analog Devices Inc. IC MCU 8BIT 8KB FLASH 56LFCSP
 <b>ADUC7126BSTZ126I</b> Analog Devices Inc. IC MCU 16/32B 126KB FLASH 80LQFP	 <b>ADUC812BSZ</b> Analog Devices Inc. IC MCU 8BIT 8KB FLASH 52MQFP	 <b>ADUC816BS</b> Analog Devices Inc. IC MCU 8BIT 8KB FLASH 52MQFP	 <b>ADUC816BSZ</b> Analog Devices Inc. IC MCU 8BIT 8KB FLASH 52MQFP	 <b>ADUC812BS</b> Analog Devices Inc. IC MCU 8BIT 8KB FLASH 52MQFP	 <b>ADUC7128BCPZ126</b> Analog Devices Inc. IC MCU 16/32B 126KB FLSH 64LFCSP
 <b>ADUC814BRU</b> Analog Devices Inc. IC MCU 8BIT 8KB FLASH 28TSSOP	 <b>ADUC814ARU</b> Analog Devices Inc. IC MCU 8BIT 8KB FLASH 28TSSOP	 <b>ADUC814ARUZ</b> Analog Devices Inc. IC MCU 8BIT 8KB FLASH 28TSSOP	 <b>ADUC824BCPZ</b> Analog Devices Inc. IC MCU 8BIT 8KB FLASH 56LFCSP	 <b>ADUC7128BSTZ126</b> Analog Devices Inc. IC MCU 16/32B 126KB FLASH 64LQFP	 <b>ADUC7129BSTZ126</b> Analog Devices Inc. IC MCU 16/32B 126KB FLASH 80LQFP

## 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
--	--	---

Contact us if you have any questions.

 Phone +00852 9146 4856	 Email info@allelco.com
--	--

### Certifications & Memberships



[View More](#)

### Contact us

Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong  
Phone: +00852 9146 4856  
Fax: +00852 3010 8510  
Email: info@Allelco.com