

Image may be representation.  
See specifications for product details.



## ADUCM3029BCPZ

Manufacturer Part Number	<b>ADUCM3029BCPZ</b>
Manufacturer	<b>Analog Devices, Inc.</b>
Allelco Part Number	32D-ADUCM3029BCPZ
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC MCU 32BIT 256KB FLASH 64LFCSP
Package	64-WFQFN Exposed Pad, CSP
Data sheet	<b>Cylindrical Battery Holders.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

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### Specifications

ADUCM3029BCPZ Tech Specifications  
ADUCM3029BCPZ - 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)	1.74V ~ 3.6V	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package	64-LFCSP-WQ (9x9)	Number of I/O	44
Speed	26MHz	Mounting Type	Surface Mount
Series	ADuCM	EEPROM Size	-
RAM Size	96K x 8	Data Converters	A/D 8x12b
Program Memory Type	FLASH	Core Size	32-Bit Single-Core
Program Memory Size	256KB (256K x 8)	Core Processor	ARM® Cortex®-M3
Peripherals	DMA, POR, PWM, WDT	Connectivity	I²C, SPI, UART/USART
Package / Case	64-WFQFN Exposed Pad, CSP	Base Product Number	ADUCM3029
Package	Tray		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. ADUCM3029BCPZ

Product Attribute				
Part Number	ADUCM3029BCPZ	ADUC847BSZ8-3	ADUCM320BBCZI	ADUCM322BBCZ
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Core Processor	ARM® Cortex®-M3	8052	ARM® Cortex®-M3	ARM® Cortex®-M3
Series	ADuCM	MicroConverter® ADuC8xx	ADuCM	ADuCM
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Base Product Number	ADUCM3029	ADUC847	ADUCM320	ADUCM322
Speed	26MHz	12.58MHz	80MHz	80MHz
Oscillator Type	Internal	Internal	Internal	External
Number of I/O	44	34	40	-
Package	Tray	Tray	Tray	Tray
Package / Case	64-WFQFN Exposed Pad, CSP	52-QFP	96-TFBGA, CSPBGA	96-TFBGA, CSPBGA
Data Converters	A/D 8x12b	A/D 10x24b; D/A 1x12b, 2x16b	A/D 16x14b; D/A 12x12b	A/D 16x12b; D/A 8x12b
Peripherals	DMA, POR, PWM, WDT	POR, PSM, PWM, Temp Sensor, WDT	DMA, POR, PWM, WDT	POR, PWM, WDT
Voltage - Supply (Vcc/Vdd)	1.74V ~ 3.6V	2.7V ~ 3.6V	2.9V ~ 3.6V	2.9V ~ 3.6V
Program Memory Size	256KB (256K x 8)	8KB (8K x 8)	256KB (128K x 8 x 2)	256KB (256K x 8)
Connectivity	I²C, SPI, UART/USART	I²C, SPI, UART/USART	I²C, SPI, UART/USART	I²C, MDIO, SPI
Supplier Device Package	64-LFCSP-WQ (9x9)	52-MQFP (10x10)	96-CSPBGA (6x6)	96-CSPBGA (6x6)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
RAM Size	96K x 8	2.25K x 8	32K x 8	32K x 8
Core Size	32-Bit Single-Core	8-Bit	32-Bit Single-Core	32-Bit Single-Core
EEPROM Size	-	4K x 8	-	-
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 105°C (TC)

### ADUCM3029BCPZ Datasheet PDF

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#### Datasheets

[Cylindrical Battery Holders.pdf](#)


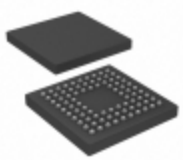
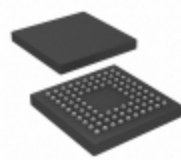
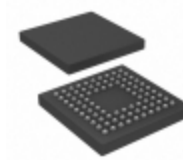


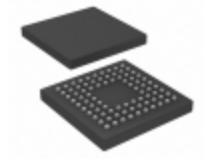
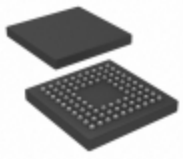




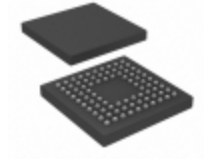
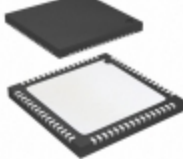
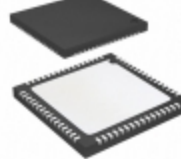

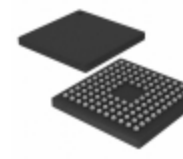

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## Shipment

### 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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Contact us if you have any questions.

	
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