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See specifications for product details.



ADUCM3029BCPZ-R7

Manufacturer Part Number	ADUCM3029BCPZ-R7
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-ADUCM3029BCPZ-R7
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC MCU 32BIT 256KB FLASH 64LFCSP
Package	64-WFQFN Exposed Pad, CSP
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

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Specifications

ADUCM3029BCPZ-R7 Tech Specifications
ADUCM3029BCPZ-R7 - 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	Tape & Reel (TR)		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. ADUCM3029BCPZ-R7

Product Attribute				
Part Number	ADUCM3029BCPZ-R7	ADUC848BSZ8-5	ADUCM320BBCZI	ADUC848BS62-3
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Package	Tape & Reel (TR)	Tray	Tray	Bag
Package / Case	64-WFQFN Exposed Pad, CSP	52-QFP	96-TFBGA, CSPBGA	52-QFP
Core Size	32-Bit Single-Core	8-Bit	32-Bit Single-Core	8-Bit
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Base Product Number	ADUCM3029	ADUC848	ADUCM320	ADUC848
Core Processor	ARM® Cortex®-M3	8052	ARM® Cortex®-M3	8052
Connectivity	I²C, SPI, UART/USART	I²C, SPI, UART/USART	I²C, SPI, UART/USART	I²C, SPI, UART/USART
RAM Size	96K x 8	2.25K x 8	32K x 8	2.25K x 8
Program Memory Size	256KB (256K x 8)	8KB (8K x 8)	256KB (128K x 8 x 2)	62KB (62K x 8)
Data Converters	A/D 8x12b	A/D 10x16b; D/A 1x12b, 2x16b	A/D 16x14b; D/A 12x12b	A/D 10x16b; D/A 1x12b, 2x16b
Peripherals	DMA, POR, PWM, WDT	POR, PSM, PWM, Temp Sensor, WDT	DMA, POR, PWM, WDT	POR, PSM, PWM, Temp Sensor, WDT
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 125°C
Voltage - Supply (Vcc/Vdd)	1.74V ~ 3.6V	4.75V ~ 5.25V	2.9V ~ 3.6V	2.7V ~ 3.6V
Supplier Device Package	64-LFCSP-WQ (9x9)	52-MQFP (10x10)	96-CSPBGA (6x6)	52-MQFP (10x10)
Number of I/O	44	34	40	34
Oscillator Type	Internal	Internal	Internal	Internal
Series	ADuCM	MicroConverter® ADuC8xx	ADuCM	MicroConverter® ADuC8xx
Speed	26MHz	12.58MHz	80MHz	12.58MHz
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
EEPROM Size	-	4K x 8	-	4K x 8

ADUCM3029BCPZ-R7 Datasheet PDF

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Datasheets

[Cylindrical Battery Holders.pdf](#)




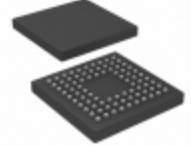




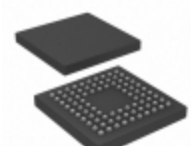
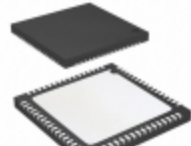
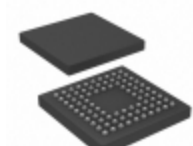


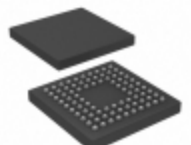

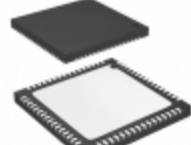
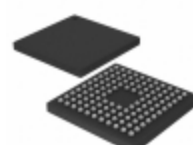

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Shipment

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.

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The payment method can be chosen from the methods shown below:
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