

Image may be representation.
See specifications for product details.



ADUCM363BCPZ128

Manufacturer Part Number	ADUCM363BCPZ128
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-ADUCM363BCPZ128
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC MCU 32BIT 128KB FLASH 48LFCSP
Package	48-WFQFN Exposed Pad, CSP
Data sheet	Cylindrical Battery Holders.pdf ADuCM362-63 Datasheet.pdf
RoHs Status	ROHS3 Compliant

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ADUCM363BCPZ128 - Analog Devices Inc..New Original in Stock. Download Linear Technology ADUCM363BCPZ128 datasheet/specifications on AllelcoElec.com.
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Specifications

ADUCM363BCPZ128 Tech Specifications
ADUCM363BCPZ128 - 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)	1.8V ~ 3.6V	Operating Temperature	-40°C ~ 125°C (TA)
Supplier Device Package	48-LFCSP (7x7)	Number of I/O	19
Speed	16MHz	Mounting Type	Surface Mount
Series	ADuCM	EEPROM Size	-
RAM Size	16K x 8	Data Converters	A/D 12x24b; D/A 1x12b
Program Memory Type	FLASH	Core Size	32-Bit Single-Core
Program Memory Size	128KB (128K x 8)	Core Processor	ARM® Cortex®-M3
Peripherals	DMA, POR, PWM, WDT	Connectivity	I ² C, SPI, UART/USART
Package / Case	48-WFQFN Exposed Pad, CSP	Base Product Number	ADUCM363
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. ADUCM363BCPZ128

Product Attribute				
Part Number	ADUCM363BCPZ128	ADUCM350BBCZ	ADUCM355BCCZ-RL7	ADUCM331WDCPZ-RL
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Base Product Number	ADUCM363	ADUCM350	ADUCM355	ADUCM331
Core Processor	ARM® Cortex®-M3	ARM® Cortex®-M3	ARM® Cortex®-M3	ARM® Cortex®-M3
Number of I/O	19	66	17	6
Series	ADuCM	ADuCM	ADuCM	Automotive
Program Memory Size	128KB (128K x 8)	384KB (384K x 8)	128KB (128K x 8)	128KB (128K x 8)
EEPROM Size	-	16K x 8	-	4K x 8
Speed	16MHz	16MHz	26MHz	16.384Mhz
Package / Case	48-WFQFN Exposed Pad, CSP	120-LFBGA, CSPBGA	72-VFLGA	32-VFQFN Exposed Pad, CSP
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Peripherals	DMA, POR, PWM, WDT	DMA, I ² S, LCD, POR, WDT	DMA, POR, PWM, WDT	POR, WDT
Operating Temperature	-40°C ~ 125°C (TA)	-40°C ~ 85°C	-40°C ~ 85°C (TA)	-40°C ~ 115°C (TA)
Oscillator Type	Internal	Internal	Internal	Internal
Connectivity	I ² C, SPI, UART/USART	I ² C, SPI, UART/USART, USB	I ² C, SPI, UART/USART	LINbus, SPI
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
RAM Size	16K x 8	32K x 8	64K x 8	6K x 8
Voltage - Supply (Vcc/Vdd)	1.8V ~ 3.6V	2.5V ~ 3.6V	2.8V ~ 3.6V	3.6V ~ 18V
Data Converters	A/D 12x24b; D/A 1x12b	A/D 12x16b; D/A 1x12b	A/D 12b SAR; D/A 3x12b VDAC	A/D 2x20b
Core Size	32-Bit Single-Core	32-Bit Single-Core	32-Bit Single-Core	32-Bit Single-Core
Supplier Device Package	48-LFCSP (7x7)	120-CSPBGA (8x8)	72-LGA (6x5)	32-LFCSP-VQ (6x6)
Package	Tray	Tray	Tape & Reel (TR)	Tape & Reel (TR)

ADUCM363BCPZ128 Datasheet PDF

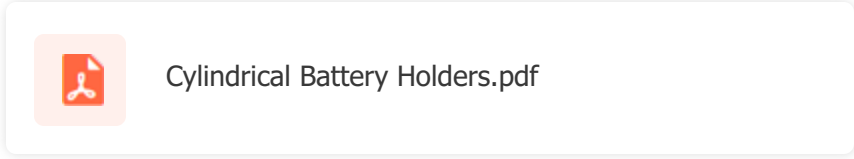
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Datasheets

[ADuCM362-63 Datasheet.pdf](#)

PCN Assembly/Origin

[2.73KHz.pdf](#)



Customers Also Interested in

Recommended Products

<p>ADUCM350BBCZ Analog Devices Inc. IC MCU 32B 384KB FLASH 120CSPBGA</p>	<p>ADUCM355BCCZ-RL7 Analog Devices Inc. IC MCU 32BIT 128KB FLASH 72LGA</p>	<p>ADUCM331WDCPZ-RL Analog Devices Inc. IC MCU 32BIT 128KB FLASH 32LFCSP</p>	<p>ADUCOSC100-REEL7 Analog Devices Inc. DAC MICROCONVERTER DUAL TSSOP</p>	<p>ADUCOSCZ100-REEL7 ADI (Analog Devices, Inc.)</p>	<p>ADUCM410BBCZ Analog Devices Inc. IC MCU 32BIT 1MB FLASH 81CSPBGA</p>
<p>ADUCM4050BCPZ Analog Devices Inc. IC MCU 32BIT 512KB FLASH 64LFCSP</p>	<p>ADUCM360BCPZ128-R7 Analog Devices Inc. IC MCU 32BIT 128KB FLASH 48LFCSP</p>	<p>ADUCM355BCC8 ADI (Analog Devices, Inc.)</p>	<p>ADUCOSC100 Analog Devices Inc. DAC MICROCONVERTER DUAL TSSOP</p>	<p>ADUCM361BCPZ128 Analog Devices Inc. IC MCU 32BIT 128KB FLASH 48LFCSP</p>	<p>ADUCM360BCPZ128 Analog Devices Inc. IC MCU 32BIT 128KB FLASH 48LFCSP</p>
<p>ADUCM355BCCZ Analog Devices Inc. IC MCU 32BIT 128KB FLASH 72LGA</p>	<p>ADUM1100ARZ Analog Devices Inc. DGTL ISO 2500VRMS 1CH GP 8SOIC</p>	<p>ADUCM361BCPZ128-R7 Analog Devices Inc. IC MCU 32BIT 128KB FLASH 48LFCSP</p>	<p>ADUCOSCZ100 ADI (Analog Devices, Inc.)</p>	<p>ADUCM362BCPZ128-R ADI (Analog Devices, Inc.)</p>	<p>ADUM1100AR Analog Devices Inc. DGTL ISO 2500VRMS 1CH GP 8SOIC</p>

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 -

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Contact us if you have any questions.

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