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See specifications for product details.



ADUCM361BCPZ128

Manufacturer Part Number **ADUCM361BCPZ128**

Manufacturer **Analog Devices, Inc.**

Allelco Part Number **32D-ADUCM361BCPZ128**

ECAD Model PCB Symbol, Footprint & 3D Model

Parts Description **IC MCU 32BIT 128KB FLASH 48LFCSP**

Package **48-WFQFN Exposed Pad, CSP**

Data sheet **[ADuCM360-61 Datasheet.pdf](#)**

[ADuCM360-61 Hardware User Guide.pdf](#)

[ADuCM36x Getting Started Tutorial.pdf](#)

RoHs Status **ROHS3 Compliant**

Get a Quote

ADUCM361BCPZ128 - Analog Devices Inc..New Original in Stock. Download Linear Technology ADUCM361BCPZ128 datasheet/specifications on AllelcoElec.com.
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Specifications

ADUCM361BCPZ128 Tech Specifications
ADUCM361BCPZ128 - 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	20 MIPS	Mounting Type	Surface Mount
Series	ADuCM	EEPROM Size	-
RAM Size	8K x 8	Data Converters	A/D 11x24b; 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	I²C, SPI, UART/USART
Package / Case	48-WFQFN Exposed Pad, CSP	Base Product Number	ADUCM361
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. ADUCM361BCPZ128

Product Attribute				
Part Number	ADUCM361BCPZ128	ADUCM331WACPZ	ADUCM350BBCZ	ADUCM355BCCZ
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Package / Case	48-WFQFN Exposed Pad, CSP	32-VFQFN Exposed Pad, CSP	120-LFBGA, CSPBGA	72-VFLGA
Operating Temperature	-40°C ~ 125°C (TA)	-40°C ~ 115°C (TA)	-40°C ~ 85°C	-40°C ~ 85°C (TA)
Series	ADuCM	ADuCM	ADuCM	ADuCM
Speed	20 MIPS	16.384MHz	16MHz	26MHz
EEPROM Size	-	4K x 8	16K x 8	-
RAM Size	8K x 8	6K x 8	32K x 8	64K x 8
Supplier Device Package	48-LFCSP (7x7)	32-LFCSP-VQ (6x6)	120-CSPBGA (8x8)	72-LGA (6x5)
Base Product Number	ADUCM361	ADUCM331	ADUCM350	ADUCM355
Peripherals	DMA, POR, PWM, WDT	POR, WDT	DMA, I²S, LCD, POR, WDT	DMA, POR, PWM, WDT
Data Converters	A/D 11x24b; D/A 1x12b	A/D 2x20b Sigma-Delta	A/D 12x16b; D/A 1x12b	A/D 12b SAR; D/A 3x12b VDAC
Core Size	32-Bit Single-Core	32-Bit Single-Core	32-Bit Single-Core	32-Bit Single-Core
Oscillator Type	Internal	Internal	Internal	Internal
Connectivity	I²C, SPI, UART/USART	LINbus, SPI	I²C, SPI, UART/USART, USB	I²C, SPI, UART/USART
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - Supply (Vcc/Vdd)	1.8V ~ 3.6V	3.6V ~ 18V	2.5V ~ 3.6V	2.8V ~ 3.6V
Program Memory Size	128KB (128K x 8)	128KB (128K x 8)	384KB (384K x 8)	128KB (128K x 8)
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Package	Tray	Tray	Tray	Tray
Core Processor	ARM® Cortex®-M3	ARM® Cortex®-M3	ARM® Cortex®-M3	ARM® Cortex®-M3
Number of I/O	19	6	66	17

ADUCM361BCPZ128 Datasheet PDF

Download ADUCM361BCPZ128 pdf datasheets and Analog Devices Inc. documentation for ADUCM361BCPZ128 - Analog Devices Inc..


Datasheets

ADuCM360-61 Datasheet.pdf

Other Related Documents

 Cylindrical Battery Holders.pdf

PCN Assembly/Origin

 2.73KHz.pdf

PCN Design/Specification

 Datasheet/Silicon Anomaly Updates
07/Jul/2014.pdf

 Datasheet Chg 09/May/2016.pdf

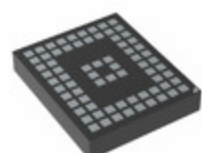
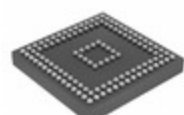
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Customers Also Interested in

Recommended Products



ADUCM331WACPZ

Analog Devices Inc.
IC MCU 32BIT 128KB FLASH
32LFCSP

ADUCM350BBCZ

Analog Devices Inc.
IC MCU 32B 384KB FLASH
120CSPBGA

ADUCM355BCCZ

Analog Devices Inc.
IC MCU 32BIT 128KB FLASH 72LGA

ADUCM363BCPZ128

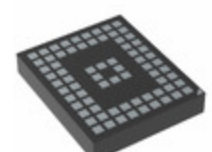
Analog Devices Inc.
IC MCU 32BIT 128KB FLASH
48LFCSP

ADUCM360BCPZ128

Analog Devices Inc.
IC MCU 32BIT 128KB FLASH
48LFCSP

ADUCM360BCPZ128-R7

Analog Devices Inc.
IC MCU 32BIT 128KB FLASH
48LFCSP



ADUCM355BCCZ-RL7

Analog Devices Inc.
IC MCU 32BIT 128KB FLASH 72LGA

ADUCM331WDPCZ-RL

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IC MCU 32BIT 128KB FLASH
32LFCSP

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IC MCU 32BIT 128KB FLASH
48LFCSP

ADUCM331WCCPZ

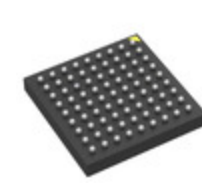
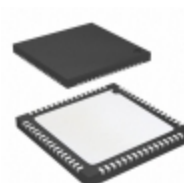
ADI (Analog Devices, Inc.)

ADUCM362BCPZ128-R

ADI (Analog Devices, Inc.)

ADUCM355BCC8

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ADUCOSC2100-REEL7

ADI (Analog Devices, Inc.)

ADUCM4050BCPZ

Analog Devices Inc.
IC MCU 32BIT 512KB FLASH
64LFCSP

ADUCM331WDPCZ

Analog Devices Inc.
IC MCU 32BIT 128KB FLASH
32LFCSP

ADUCOSC100

Analog Devices Inc.
DAC MICROCONVERTER DUAL
TSSOP

ADUCOSC100-REEL7

Analog Devices Inc.
DAC MICROCONVERTER DUAL
TSSOP

ADUCM410BBCZ

Analog Devices Inc.
IC MCU 32BIT 1MB FLASH 81CSPBGA

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 -



Efficient Supply
Management



Cost-Saving
Procurement



Fast Sourcing &
Delivery

Contact us if you have any questions.



Phone

+00852 9146 4856



Email

info@alleco.com

Certifications & Memberships



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