



Image may be representation.  
See specifications for product details.



## ADUC7025BSTZ62-RL

Manufacturer Part Number	<a href="#">ADUC7025BSTZ62-RL</a>
Manufacturer	<a href="#">Analog Devices, Inc.</a>
Allelco Part Number	32D-ADUC7025BSTZ62-RL
ECAD Model	<a href="#">Request Free CAD Models</a>
Parts Description	IC MCU 16/32BIT 62KB FLSH 64LQFP
Package	64-LQFP
Data sheet	<a href="#">Cylindrical Battery Holders.pdf</a>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

ADUC7025BSTZ62-RL - Analog Devices Inc..New Original in Stock. Download Linear Technology ADUC7025BSTZ62-RL datasheet/specifications on AllelcoElec.com. Request a quote for ADUC7025BSTZ62-RL, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

ADUC7025BSTZ62-RL Tech Specifications  
ADUC7025BSTZ62-RL - 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 ~ 3.6V	Operating Temperature	-40°C ~ 125°C (TA)
Supplier Device Package	64-LQFP (10x10)	Number of I/O	30
Speed	44MHz	Mounting Type	Surface Mount
Series	MicroConverter® ADuC7xxx	EEPROM Size	-
RAM Size	2K x 32	Data Converters	A/D 12x12b
Program Memory Type	FLASH	Core Size	16/32-Bit
Program Memory Size	62KB (31K x16)	Core Processor	ARM7®
Peripherals	PLA, PWM, PSM, Temp Sensor, WDT	Connectivity	EBI/EMI, I²C, SPI, UART/USART
Package / Case	64-LQFP	Base Product Number	ADUC7025
Package	Tape & Reel (TR)		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. ADUC7025BSTZ62-RL

Product Attribute				
Part Number	ADUC7025BSTZ62-RL	<a href="#">ADUC7028BBCZ62</a>	<a href="#">ADUC7024BSTZ62</a>	<a href="#">ADUC7026BSTZ62-RL</a>
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Peripherals	PLA, PWM, PSM, Temp Sensor, WDT	PLA, PWM, PSM, Temp Sensor, WDT	PLA, PWM, PSM, Temp Sensor, WDT	PLA, PWM, PSM, Temp Sensor, WDT
Package	Tape & Reel (TR)	Tray	Tray	Tape & Reel (TR)
Core Processor	ARM7®	ARM7®	ARM7®	ARM7®
Supplier Device Package	64-LQFP (10x10)	64-CSPBGA (6x6)	64-LQFP (10x10)	80-LQFP (12x12)
Number of I/O	30	30	30	40
Series	MicroConverter® ADuC7xxx	MicroConverter® ADuC7xxx	MicroConverter® ADuC7xxx	MicroConverter® ADuC7xxx
Base Product Number	ADUC7025	ADUC7028	ADUC7024	ADUC7026
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package / Case	64-LQFP	64-LFBGA, CSPBGA	64-LQFP	80-LQFP
Voltage - Supply (Vcc/Vdd)	2.7V ~ 3.6V	2.7V ~ 3.6V	2.7V ~ 3.6V	2.7V ~ 3.6V
Program Memory Type	FLASH	FLASH	FLASH	FLASH
EEPROM Size	-	-	-	-
Oscillator Type	Internal	Internal	Internal	Internal
RAM Size	2K x 32	2K x 32	2K x 32	2K x 32
Operating Temperature	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)
Speed	44MHz	44MHz	44MHz	44MHz
Data Converters	A/D 12x12b	A/D 8x12b; D/A 4x12b	A/D 10x12b; D/A 2x12b	A/D 12 x12b; D/A 4x12b
Core Size	16/32-Bit	16/32-Bit	16/32-Bit	16/32-Bit
Program Memory Size	62KB (31K x16)	62KB (31K x16)	62KB (31K x16)	62KB (31K x16)
Connectivity	EBI/EMI, I²C, SPI, UART/USART	EBI/EMI, I²C, SPI, UART/USART	EBI/EMI, I²C, SPI, UART/USART	EBI/EMI, I²C, SPI, UART/USART

### ADUC7025BSTZ62-RL Datasheet PDF

Download ADUC7025BSTZ62-RL pdf datasheets and Analog Devices Inc. documentation for ADUC7025BSTZ62-RL - Analog Devices Inc..

#### Datasheets

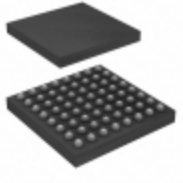


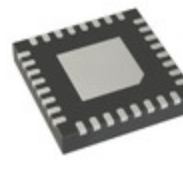

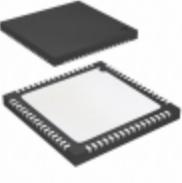


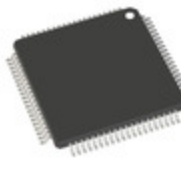
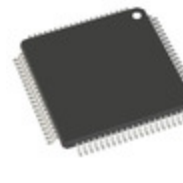


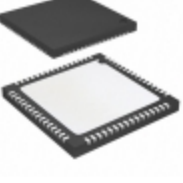


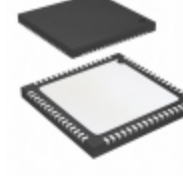
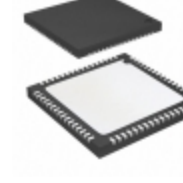
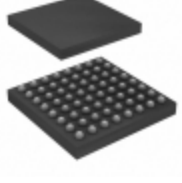
[Cylindrical Battery Holders.pdf](#)

#### PCN Assembly/Origin

[2.73KHz.pdf](#)

## Customers Also Interested in

### Recommended Products

					
<b>ADUC7028BBCZ62</b> Analog Devices Inc. IC MCU 16/32B 62KB FLSH 64CSPBGA	<b>ADUC7024BSTZ62</b> Analog Devices Inc. IC MCU 16/32BIT 62KB FLSH 64LQFP	<b>ADUC7026BSTZ62-RL</b> Analog Devices Inc. IC MCU 16/32BIT 62KB FLSH 80LQFP	<b>ADUC7023BCPZ62I</b> Analog Devices Inc. IC MCU 16/32B 62KB FLASH 32LFCSP	<b>ADUC7029BBCZ62</b> Analog Devices Inc. IC MCU 16/32B 62KB FLSH 49CSPBGA	<b>ADUC7024BCPZ62</b> Analog Devices Inc. IC MCU 16/32B 62KB FLASH 64LFCSP
					
<b>ADUC7023BCPZ62I-R7</b> Analog Devices Inc. IC MCU 16/32B 62KB FLASH 32LFCSP	<b>ADUC7026BSTZ62</b> Analog Devices Inc. IC MCU 16/32BIT 62KB FLSH 80LQFP	<b>ADUC7026BSTZ62I</b> Analog Devices Inc. IC MCU 16/32BIT 62KB FLSH 80LQFP	<b>ADUC7027BSTZ62</b> Analog Devices Inc. IC MCU 16/32BIT 62KB FLSH 80LQFP	<b>ADUC7027BSTZ62I</b> Analog Devices Inc. IC MCU 32BIT 62KB FLASH 80LQFP	<b>ADUC7029BBCZ62-RL</b> Analog Devices Inc. IC MCU 16/32B 62KB FLSH 49CSPBGA
					
<b>ADUC7024BCPZ62I</b> Analog Devices Inc. IC MCU 16/32B 62KB FLASH 64LFCSP	<b>ADUC7023BCPZ62I-R</b> ADI (Analog Devices, Inc.)	<b>ADUC7025BSTZ62</b> Analog Devices Inc. IC MCU 16/32BIT 62KB FLSH 64LQFP	<b>ADUC7024BCPZ62I-RL</b> Analog Devices Inc. IC MCU 16/32B 62KB FLASH 64LFCSP	<b>ADUC7025BCPZ62</b> Analog Devices Inc. IC MCU 16/32B 62KB FLASH 64LFCSP	<b>ADUC7028BBCZ62-RL</b> Analog Devices Inc. IC MCU 16/32B 62KB FLSH 64CSPBGA

## 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.



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