



# STM32L072CZY6TR

Manufacturer Part Number	<b>STM32L072CZY6TR</b>	 life.augmented	<b>Get a Quote</b>
Manufacturer	<b>STMicroelectronics</b>		
Allelco Part Number	32D-STM32L072CZY6TR		
ECAD Model	 PCB Symbol, Footprint & 3D Mode		
Parts Description	IC MCU 32BIT 192KB FLASH 49WLCSP		
Package	49-UFBGA, WLCSP		
Data sheet	<b>STM32L072x8, STM32L072xB, STM32L072xZ Datasheet.pdf</b>		
RoHS Status	 ROHS3 Compliant		

STM32L072CZY6TR - STMicroelectronics.New Original in Stock. Download Linear Technology STM32L072CZY6TR datasheet/specifications on AllelcoElec.com.  
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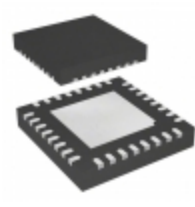

## Specifications

STM32L072CZY6TR Tech Specifications  
STM32L072CZY6TR - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Oscillator Type	Internal
Voltage - Supply (Vcc/Vdd)	1.65V ~ 3.6V	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package	49-WLCSP	Number of I/O	40
Speed	32MHz	Mounting Type	Surface Mount
Series	STM32L0	EEPROM Size	6K x 8
RAM Size	20K x 8	Data Converters	A/D 13x12b; D/A 2x12b
Program Memory Type	FLASH	Core Size	32-Bit Single-Core
Program Memory Size	192KB (192K x 8)	Core Processor	ARM® Cortex®-M0+
Peripherals	Brown-out Detect/Reset, DMA, POR, PWM, WDT	Connectivity	I²C, IrDA, SPI, UART/USART, USB
Package / Case	49-UFBGA, WLCSP	Base Product Number	STM32L072
Package	Tape & Reel (TR)		

## Parts with Similar Specifications


The three parts on the right have similar specifications to STMicroelectronics STM32L072CZY6TR

Product Attribute	 NO PICTURE	 life.augmented		
Part Number	STM32L072CZY6TR	STM32L072RZ16D	STM32L072KZU7	STM32L072CZT6
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 105°C (TA)	-40°C ~ 85°C (TA)
Program Memory Type	FLASH	FLASH	FLASH	FLASH
EEPROM Size	6K x 8	6K x 8	6K x 8	6K x 8
Peripherals	Brown-out Detect/Reset, DMA, POR, PWM, WDT	Brown-out Detect/Reset, DMA, POR, PWM, WDT	Brown-out Detect/Reset, DMA, POR, PWM, WDT	Brown-out Detect/Reset, DMA, POR, PWM, WDT
Voltage - Supply (Vcc/Vdd)	1.65V ~ 3.6V	1.65V ~ 3.6V	1.65V ~ 3.6V	1.65V ~ 3.6V
Program Memory Size	192KB (192K x 8)	192KB (192K x 8)	192KB (192K x 8)	192KB (192K x 8)
Core Processor	ARM® Cortex®-M0+	ARM® Cortex®-M0+	ARM® Cortex®-M0+	ARM® Cortex®-M0+
Base Product Number	STM32L072	STM32L072	STM32L072	STM32L072
Number of I/O	40	51	25	37
Speed	32MHz	32MHz	32MHz	32MHz
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
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, IrDA, SPI, UART/USART, USB	I²C, IrDA, SPI, UART/USART, USB	I²C, IrDA, SPI, UART/USART, USB	I²C, IrDA, SPI, UART/USART, USB
Package / Case	49-UFBGA, WLCSP	64-UFBGA	32-UFQFN Exposed Pad	48-LQFP
Supplier Device Package	49-WLCSP	64-UFBGA (5x5)	32-UFQFPN (5x5)	48-LQFP (7x7)
RAM Size	20K x 8	20K x 8	20K x 8	20K x 8
Series	STM32L0	STM32L0	STM32L0	STM32L0
Package	Tape & Reel (TR)	Tray	Tray	Tray
Data Converters	A/D 13x12b; D/A 2x12b	A/D 16x12b; D/A 2x12b	A/D 10x12b; D/A 2x12b	A/D 10x12b; D/A 2x12b

## STM32L072CZY6TR Datasheet PDF


Download STM32L072CZY6TR pdf datasheets and STMicroelectronics documentation for STM32L072CZY6TR - STMicroelectronics.

### Datasheets



STM32L072x8, STM32L072xB, STM32L072xZ Datasheet.pdf


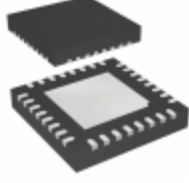


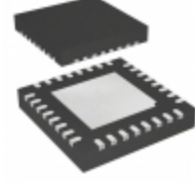
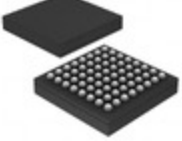

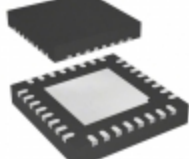







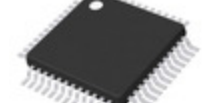


### PCN Assembly/Origin



STM32L05/07/08 24/Sep/2019.pdf

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### Recommended Products

					
<b>STM32L072RZI6D</b> STMicroelectronics IC MCU 32BIT 192KB FLASH 64UFBGA	<b>STM32L072KZU7</b> STMicroelectronics IC MCU 32BIT 192KB FL5H 32UFQFPN	<b>STM32L072CZT6</b> STMicroelectronics IC MCU 32BIT 192KB FLASH 48LQFP	<b>STM32L072V8T6</b> STMicroelectronics IC MCU 32BIT 64KB FLASH 100LQFP	<b>STM32L072KZU6</b> STMicroelectronics IC MCU 32BIT 192KB FL5H 32UFQFPN	<b>STM32L072RZH6</b> STMicroelectronics IC MCU 32BIT 192KB FLASH 64UFBGA
					
<b>STM32L071V8T6</b> STMicroelectronics IC MCU 32BIT 64KB FLASH 100LQFP	<b>STM32L072KBU6</b> STMicroelectronics IC MCU 32BIT 128KB FL5H 32UFQFPN	<b>STM32L072CBT6</b> STMicroelectronics IC MCU 32BIT 128KB FLASH 48LQFP	<b>STM32L071RBT6TR</b> STMicroelectronics IC MCU 32BIT 128KB FLASH 64LQFP	<b>STM32L072RZT6</b> STMicroelectronics IC MCU 32BIT 192KB FLASH 64LQFP	<b>STM32L072RBI6</b> STMicroelectronics IC MCU 32BIT 128KB FLASH 64UFBGA
					
<b>STM32L072KZT6</b> STMicroelectronics IC MCU 32BIT 192KB FLASH 32LQFP	<b>STM32L071RZT6</b> STMicroelectronics IC MCU 32BIT 192KB FLASH 64LQFP	<b>STM32L071RZT6TR</b> STMicroelectronics IC MCU 32BIT 192KB FLASH 64LQFP	<b>STM32L072CZT6TR</b> STMicroelectronics IC MCU 32BIT 192KB FLASH 48LQFP	<b>STM32L072CZY6TR</b> STMicroelectronics IC MCU 32BIT 128KB FLASH 49WL CSP	<b>STM32L071VZT6</b> STMicroelectronics IC MCU 32BIT 192KB FLASH 100LQFP

## 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

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  - > 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.  
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