



Image may be representation.  
See specifications for product details.



## STM32L073RBT6

Manufacturer Part Number	<b>STM32L073RBT6</b>
Manufacturer	<b>STMicroelectronics</b>
Allelco Part Number	32D-STM32L073RBT6
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC MCU 32BIT 128KB FLASH 64LQFP
Package	64-LQFP
Data sheet	STM32L073RBT6.pdf
RoHs Status	<b>ROHS3 Compliant</b>

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STM32L073RBT6 - STMicroelectronics.New Original in Stock. Download Linear Technology STM32L073RBT6 datasheet/specifications on AllelcoElec.com.  
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### Specifications

STM32L073RBT6 Tech Specifications  
STM32L073RBT6 - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Oscillator Type	Internal
Voltage - Supply (Vcc/Vdd)	1.8V ~ 3.6V	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package	64-LQFP (10x10)	Number of I/O	51
Speed	32MHz	Mounting Type	Surface Mount
Series	STM32L0	EEPROM Size	6K x 8
RAM Size	20K x 8	Data Converters	A/D 16x12b; D/A 2x12b
Program Memory Type	FLASH	Core Size	32-Bit Single-Core
Program Memory Size	128KB (128K x 8)	Core Processor	ARM® Cortex®-M0+
Peripherals	Brown-out Detect/Reset, DMA, I²S, LCD, POR, PWM, WDT	Connectivity	I²C, IrDA, LINbus, SPI, UART/USART, USB
Package / Case	64-LQFP	Base Product Number	STM32L073
Package	Tray		

### Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics STM32L073RBT6

Product Attribute				
Part Number	STM32L073RBT6	STM32L073CZT6	STM32L073VBT6TR	STM32L073RBH6
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Package / Case	64-LQFP	48-LQFP	100-LQFP	64-UFBGA
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Oscillator Type	Internal	Internal	Internal	Internal
Base Product Number	STM32L073	STM32L073	STM32L073	STM32L073
Speed	32MHz	32MHz	32MHz	32MHz
Core Processor	ARM® Cortex®-M0+	ARM® Cortex®-M0+	ARM® Cortex®-M0+	ARM® Cortex®-M0+
Peripherals	Brown-out Detect/Reset, DMA, I²S, LCD, POR, PWM, WDT	Brown-out Detect/Reset, DMA, I²S, LCD, POR, PWM, WDT	Brown-out Detect/Reset, DMA, I²S, LCD, POR, PWM, WDT	Brown-out Detect/Reset, DMA, I²S, LCD, POR, PWM, WDT
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Supplier Device Package	64-LQFP (10x10)	48-LQFP (7x7)	100-LQFP (14x14)	64-UFBGA (5x5)
Number of I/O	51	37	84	50
Program Memory Size	128KB (128K x 8)	192KB (192K x 8)	128KB (128K x 8)	128KB (128K x 8)
RAM Size	20K x 8	20K x 8	20K x 8	20K x 8
Connectivity	I²C, IrDA, LINbus, SPI, UART/USART, USB	I²C, IrDA, LINbus, SPI, UART/USART, USB	I²C, IrDA, LINbus, SPI, UART/USART, USB	I²C, IrDA, LINbus, SPI, UART/USART, USB
Core Size	32-Bit Single-Core	32-Bit Single-Core	32-Bit Single-Core	32-Bit Single-Core
Data Converters	A/D 16x12b; D/A 2x12b	A/D 10x12b; D/A 2x12b	A/D 16x12b; D/A 2x12b	A/D 15x12b; D/A 2x12b
Voltage - Supply (Vcc/Vdd)	1.8V ~ 3.6V	1.8V ~ 3.6V	1.65V ~ 3.6V	1.8V ~ 3.6V
Package	Tray	Tray	Tape & Reel (TR)	Tray
EEPROM Size	6K x 8	6K x 8	6K x 8	6K x 8
Series	STM32L0	STM32L0	STM32L0	STM32L0

### STM32L073RBT6 Datasheet PDF

Download STM32L073RBT6 pdf datasheets and STMicroelectronics documentation for STM32L073RBT6 - STMicroelectronics.

#### PCN Packaging






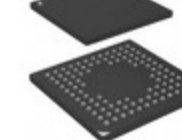




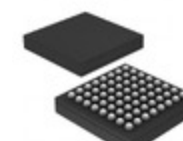







2.73KHz.pdf

#### PCN Assembly/Origin

STM8/STM32 10/Mar/2020.pdf

## Customers Also Interested in

### Recommended Products

					
<b>STM32L073CZT6</b> STMicroelectronics IC MCU 32BIT 192KB FLASH 48LQFP	<b>STM32L073VBT6TR</b> STMicroelectronics IC MCU 32BIT 128KB FLASH 100LQFP	<b>STM32L073RBH6</b> STMicroelectronics IC MCU 32BIT 128KB FLASH 64UFBGA	<b>STM32L073RZT6TR</b> STMicroelectronics IC MCU 32BIT 192KB FLASH 64LQFP	<b>STM32L072RZI6D</b> STMicroelectronics IC MCU 32BIT 192KB FLASH 64UFBGA	<b>STM32L072VZI6</b> STMicroelectronics IC MCU 32BIT 192KB FLSH 100UFBGA
					
<b>STM32L073V8T6</b> STMicroelectronics IC MCU 32BIT 64KB FLASH 100LQFP	<b>STM32L073CBT6</b> STMicroelectronics IC MCU 32BIT 128KB FLASH 48LQFP	<b>STM32L073RZT6</b> STMicroelectronics IC MCU 32BIT 192KB FLASH 64LQFP	<b>STM32L081CBT6TR</b> STMicroelectronics IC MCU 32BIT 128KB FLASH 48LQFP	<b>STM32L072RZH6</b> STMicroelectronics IC MCU 32BIT 192KB FLASH 64TFBGA	<b>STM32L073VZT6</b> STMicroelectronics IC MCU 32BIT 192KB FLASH 100LQFP
					
<b>STM32L072RZT6</b> STMicroelectronics IC MCU 32BIT 192KB FLASH 64LQFP	<b>STM32L073RZH6</b> STMicroelectronics IC MCU 32BIT 192KB FLASH 64UFBGA	<b>STM32L073VZT6D</b> STMicroelectronics IC MCU 32BIT 192KB FLASH 100LQFP	<b>STM32L073VBT6</b> STMicroelectronics IC MCU 32BIT 128KB FLASH 100LQFP	<b>STM32L072V8T6</b> STMicroelectronics IC MCU 32BIT 64KB FLASH 100LQFP	<b>STM32L081CBT6</b> STMicroelectronics IC MCU 32BIT 128KB FLASH 48LQFP

## 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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Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



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