



Image may be representation.
See specifications for product details.



STM32L071RZT6

Manufacturer Part Number **STM32L071RZT6**

Manufacturer **STMicroelectronics**

Allelco Part Number **32D-STM32L071RZT6**

ECAD Model PCB Symbol, Footprint & 3D Model

Parts Description **IC MCU 32BIT 192KB FLASH 64LQFP**

Package **64-LQFP**

Data sheet **STM32L0 Series Programming Manual.pdf**

STM32L071x8,xB,xZ Datasheet.pdf

RoHs Status **ROHS3 Compliant**

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STM32L071RZT6 - STMicroelectronics.New Original in Stock. Download Linear Technology STM32L071RZT6 datasheet/specifications on AllelcoElec.com.
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Specifications

STM32L071RZT6 Tech Specifications

STM32L071RZT6 - 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	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
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, I²S, POR, PWM, WDT	Connectivity	I²C, IrDA, SPI, UART/USART
Package / Case	64-LQFP	Base Product Number	STM32L071
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics STM32L071RZT6

Product Attribute				
Part Number	STM32L071RZT6	STM32L072KBU6	STM32L071RBT6TR	STM32L072CZT6
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Series	STM32L0	STM32L0	STM32L0	STM32L0
Core Size	32-Bit Single-Core	32-Bit Single-Core	32-Bit Single-Core	32-Bit Single-Core
Voltage - Supply (Vcc/Vdd)	1.65V ~ 3.6V	1.65V ~ 3.6V	1.65V ~ 3.6V	1.65V ~ 3.6V
Supplier Device Package	64-LQFP (10x10)	32-UFQFPN (5x5)	64-LQFP (10x10)	48-LQFP (7x7)
Connectivity	I²C, IrDA, SPI, UART/USART	I²C, IrDA, SPI, UART/USART, USB	I²C, IrDA, SPI, UART/USART	I²C, IrDA, SPI, UART/USART, USB
EEPROM Size	6K x 8	6K x 8	6K x 8	6K x 8
Peripherals	Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT	Brown-out Detect/Reset, DMA, POR, PWM, WDT	Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT	Brown-out Detect/Reset, DMA, POR, PWM, WDT
RAM Size	20K x 8	20K x 8	20K x 8	20K x 8
Package	Tray	Tray	Tape & Reel (TR)	Tray
Program Memory Size	192KB (192K x 8)	128KB (128K x 8)	128KB (128K x 8)	192KB (192K x 8)
Oscillator Type	Internal	Internal	Internal	Internal
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Base Product Number	STM32L071	STM32L072	STM32L071	STM32L072
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Data Converters	A/D 16x12b	A/D 10x12b; D/A 2x12b	A/D 16x12b	A/D 10x12b; D/A 2x12b
Speed	32MHz	32MHz	32MHz	32MHz
Core Processor	ARM® Cortex®-M0+	ARM® Cortex®-M0+	ARM® Cortex®-M0+	ARM® Cortex®-M0+
Package / Case	64-LQFP	32-UFQFN Exposed Pad	64-LQFP	48-LQFP
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Number of I/O	51	23	51	37

STM32L071RZT6 Datasheet PDF

Download STM32L071RZT6 pdf datasheets and STMicroelectronics documentation for STM32L071RZT6 - STMicroelectronics.

PCN Packaging

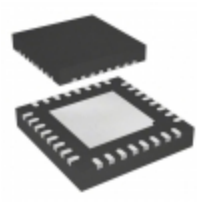


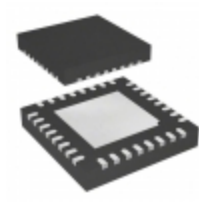

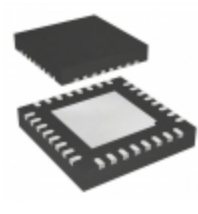



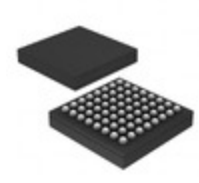
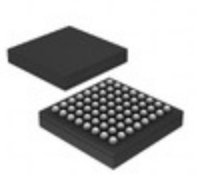




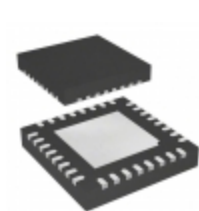


2.73KHz.pdf

PCN Assembly/Origin

HTML Datasheet

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Recommended Products

 <p>STM32L072KBU6 STMicroelectronics IC MCU 32BIT 128KB FLSH 32UFQFPN</p>	 <p>STM32L071RBT6TR STMicroelectronics IC MCU 32BIT 128KB FLASH 64LQFP</p>	 <p>STM32L072CZT6 STMicroelectronics IC MCU 32BIT 192KB FLASH 48LQFP</p>	 <p>STM32L071KZU6 STMicroelectronics IC MCU 32BIT 192KB FLSH 32UFQFPN</p>	 <p>STM32L071V8T6 STMicroelectronics IC MCU 32BIT 64KB FLASH 100LQFP</p>	 <p>STM32L071KBU6TR STMicroelectronics IC MCU 32BIT 128KB FLSH 32UFQFPN</p>
 <p>STM32L071RZT6TR STMicroelectronics IC MCU 32BIT 192KB FLASH 64LQFP</p>	 <p>STM32L071VZT6 STMicroelectronics IC MCU 32BIT 192KB FLASH 100LQFP</p>	 <p>STM32L071RBT6 STMicroelectronics IC MCU 32BIT 128KB FLASH 48LQFP</p>	 <p>STM32L071RBH6 STMicroelectronics IC MCU 32BIT 128KB FLASH 64TFBGA</p>	 <p>STM32L071RBH6TR STMicroelectronics IC MCU 32BIT 128KB FLASH 64TFBGA</p>	 <p>STM32L072CBT6 STMicroelectronics IC MCU 32BIT 128KB FLASH 48LQFP</p>
 <p>STM32L072CZY6TR STMicroelectronics IC MCU 32BIT 192KB FLASH 49WLCS</p>	 <p>STM32L072CZY6TR STMicroelectronics IC MCU 32BIT 128KB FLASH 49WLCS</p>	 <p>STM32L072CZT6TR STMicroelectronics IC MCU 32BIT 192KB FLASH 48LQFP</p>	 <p>STM32L071KBU6 STMicroelectronics IC MCU 32BIT 128KB FLSH 32UFQFPN</p>	 <p>STM32L072KZT6 STMicroelectronics IC MCU 32BIT 192KB FLASH 32LQFP</p>	 <p>STM32L071KZT6 STMicroelectronics IC MCU 32BIT 192KB FLASH 32LQFP</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.

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Contact us if you have any questions.

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Certifications & Memberships



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