



Image may be representation.  
See specifications for product details.



## STM32L476RCT6TR

Manufacturer Part Number	<b>STM32L476RCT6TR</b>
Manufacturer	<b>STMicroelectronics</b>
Allelco Part Number	32D-STM32L476RCT6TR
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC MCU 32BIT 256KB FLASH 64LQFP
Package	64-LQFP
Data sheet	<b>STM32L4x5, 4x6 Reference Manual.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

STM32L476RCT6TR - STMicroelectronics.New Original in Stock. Download Linear Technology STM32L476RCT6TR datasheet/specifications on AllelcoElec.com.  
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### Specifications

STM32L476RCT6TR Tech Specifications  
STM32L476RCT6TR - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Oscillator Type	Internal
Voltage - Supply (Vcc/Vdd)	1.71V ~ 3.6V	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package	64-LQFP (10x10)	Number of I/O	51
Speed	80MHz	Mounting Type	Surface Mount
Series	STM32L4	EEPROM Size	-
RAM Size	128K x 8	Data Converters	A/D 16x12b; D/A 2x12b
Program Memory Type	FLASH	Core Size	32-Bit Single-Core
Program Memory Size	256KB (256K x 8)	Core Processor	ARM® Cortex®-M4
Peripherals	Brown-out Detect/Reset, DMA, LCD, PWM, WDT	Connectivity	CANbus, I <sup>2</sup> C, IrDA, LINbus, MMC/SD, QSPI, SAI, SPI, SWPMI, UART/USART, USB OTG
Package / Case	64-LQFP	Base Product Number	STM32L476
Package	Tape & Reel (TR)		

### Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics STM32L476RCT6TR

Product Attribute				
Part Number	STM32L476RCT6TR	STM32L476RGT3	STM32L476RET6TR	STM32L476RET6
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Data Converters	A/D 16x12b; D/A 2x12b	A/D 16x12b; D/A 2x12b	A/D 16x12b; D/A 2x12b	A/D 16x12b; D/A 2x12b
Program Memory Size	256KB (256K x 8)	1MB (1M x 8)	512KB (512K x 8)	512KB (512K x 8)
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Package	Tape & Reel (TR)	Tray	Tape & Reel (TR)	Tray
RAM Size	128K x 8	128K x 8	128K x 8	128K x 8
Core Processor	ARM® Cortex®-M4	ARM® Cortex®-M4	ARM® Cortex®-M4	ARM® Cortex®-M4
EEPROM Size	-	-	-	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Oscillator Type	Internal	Internal	Internal	Internal
Peripherals	Brown-out Detect/Reset, DMA, LCD, PWM, WDT	Brown-out Detect/Reset, DMA, LCD, PWM, WDT	Brown-out Detect/Reset, DMA, LCD, PWM, WDT	Brown-out Detect/Reset, DMA, LCD, PWM, WDT
Supplier Device Package	64-LQFP (10x10)	64-LQFP (10x10)	64-LQFP (10x10)	64-LQFP (10x10)
Series	STM32L4	STM32L4	STM32L4	STM32L4
Number of I/O	51	51	51	51
Core Size	32-Bit Single-Core	32-Bit Single-Core	32-Bit Single-Core	32-Bit Single-Core
Package / Case	64-LQFP	64-LQFP	64-LQFP	64-LQFP
Speed	80MHz	80MHz	80MHz	80MHz
Voltage - Supply (Vcc/Vdd)	1.71V ~ 3.6V	1.71V ~ 3.6V	1.71V ~ 3.6V	1.71V ~ 3.6V
Base Product Number	STM32L476	STM32L476	STM32L476	STM32L476
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Connectivity	CANbus, I <sup>2</sup> C, IrDA, LINbus, MMC/SD, QSPI, SAI, SPI, SWPMI, UART/USART, USB OTG	CANbus, I <sup>2</sup> C, IrDA, LINbus, MMC/SD, QSPI, SAI, SPI, SWPMI, UART/USART, USB OTG	CANbus, I <sup>2</sup> C, IrDA, LINbus, MMC/SD, QSPI, SAI, SPI, SWPMI, UART/USART, USB OTG	CANbus, I <sup>2</sup> C, IrDA, LINbus, MMC/SD, QSPI, SAI, SPI, SWPMI, UART/USART, USB OTG

### STM32L476RCT6TR Datasheet PDF

Download STM32L476RCT6TR pdf datasheets and STMicroelectronics documentation for STM32L476RCT6TR - STMicroelectronics.

#### PCN Packaging

2.73KHz.pdf

#### PCN Design/Specification


Mult Dev Material Chgs 28/Feb/2023.pdf

STM32L4/4+ DS Update 30/May/2018.pdf

## PCN Assembly/Origin

 STM8/STM32 10/Mar/2020.pdf

## HTML Datasheet

 STM32L4x5, 4x6 Reference Manual.pdf

## Customers Also Interested in

### Recommended Products



**STM32L476RGT3**

STMicroelectronics  
IC MCU 32BIT 1MB FLASH 64LQFP



**STM32L476RET6TR**

STMicroelectronics  
IC MCU 32BIT 512KB FLASH 64LQFP



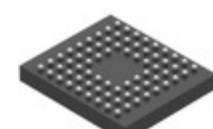
**STM32L476JGY6TR,32**

STMicroelectronics



**STM32L476RET6**

STMicroelectronics  
IC MCU 32BIT 512KB FLASH 64LQFP



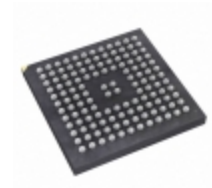
**STM32L476JGY7TR**

STMicroelectronics  
IC MCU 32BIT 1MB FLASH 72WLCSP



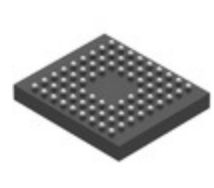
**STM32L476QGI6TR**

STMicroelectronics  
IC MCU 32BIT 1MB FLASH 132UFBGA



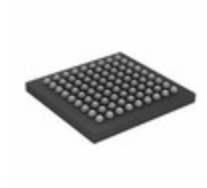
**STM32L476QGI6**

STMicroelectronics  
IC MCU 32BIT 1MB FLASH 132UFBGA



**STM32L476JEY6TR**

STMicroelectronics  
IC MCU 32BIT 512KB FLASH 72WLCSP



**STM32L476MGY6TR**

STMicroelectronics  
IC MCU 32BIT 1MB FLASH 81WLCSP



**STM32L476RCT6TR,32**

STMicroelectronics



**STM32L476RGT6**

STMicroelectronics  
IC MCU 32BIT 1MB FLASH 64LQFP



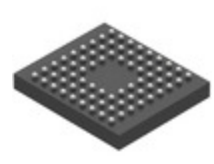
**STM32L476RCT6**

STMicroelectronics  
IC MCU 32BIT 256KB FLASH 64LQFP



**STM32L476VCT6TR**

STMicroelectronics  
IC MCU 32BIT 256KB FLASH 100LQFP



**STM32L476JGY6TR**

STMicroelectronics  
IC MCU 32BIT 1MB FLASH 72WLCSP



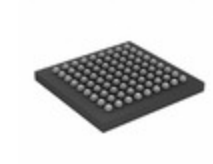
**STM32L476VGT6**

STMicroelectronics  
IC MCU 32BIT 1MB FLASH 100LQFP



**STM32L476VET6**

STMicroelectronics  
IC MCU 32BIT 512KB FLASH 100LQFP



**STM32L476MEY6TR**

STMicroelectronics  
IC MCU 32BIT 512KB FLASH 81WLCSP



**STM32L476RGT6TR**

STMicroelectronics  
IC MCU 32BIT 1MB FLASH 64LQFP

## 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.

### 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@allelco.com

### Certifications & Memberships



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