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See specifications for product details.



STM32L476JGY7TR

Manufacturer Part Number **STM32L476JGY7TR**

Manufacturer **STMicroelectronics**

Allelco Part Number **32D-STM32L476JGY7TR**

ECAD Model  PCB Symbol, Footprint & 3D Model

Parts Description **IC MCU 32BIT 1MB FLASH 72WLCSP**

Package **72-UFBGA, WLCSP**

Data sheet **STM32L4x5, 4x6 Reference Manual.pdf**

RoHs Status  **ROHS3 Compliant**

Get a Quote

STM32L476JGY7TR - STMicroelectronics.New Original in Stock. Download Linear Technology STM32L476JGY7TR datasheet/specifications on AllelcoElec.com.
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Specifications

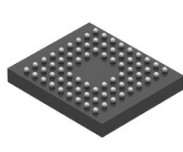


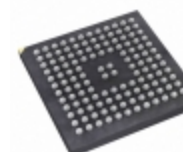
STM32L476JGY7TR Tech Specifications

STM32L476JGY7TR - 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 ~ 105°C (TA)
Supplier Device Package	72-WLCSP (4.41x3.76)	Number of I/O	57
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	1MB (1M x 8)	Core Processor	ARM® Cortex®-M4
Peripherals	Brown-out Detect/Reset, DMA, LCD, PWM, WDT	Connectivity	CANbus, I ² C, IrDA, LINbus, MMC/SD, QSPI, SAI, SPI, SWPMI, UART/USART, USB OTG
Package / Case	72-UFBGA, WLCSP	Base Product Number	STM32L476
Package	Tape & Reel (TR)		

Parts with Similar Specifications


The three parts on the right have similar specifications to STMicroelectronics STM32L476JGY7TR


Product Attribute				
Part Number	STM32L476JGY7TR	STM32L475VCT6	STM32L475RGT6	STM32L476QG16TR
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Package	Tape & Reel (TR)	Tray	Tray	Tape & Reel (TR)
Series	STM32L4	STM32L4	STM32L4	STM32L4
Data Converters	A/D 16x12b; D/A 2x12b	A/D 16x12b; D/A 2x12b	A/D 16x12b; D/A 2x12b	A/D 19x12b; D/A 2x12b
RAM Size	128K x 8	128K x 8	128K x 8	128K x 8
Voltage - Supply (Vcc/Vdd)	1.71V ~ 3.6V	1.71V ~ 3.6V	1.71V ~ 3.6V	1.71V ~ 3.6V
Connectivity	CANbus, I ² C, IrDA, LINbus, MMC/SD, QSPI, SAI, SPI, SWPMI, UART/USART, USB OTG	CANbus, EBI/EMI, I ² C, IrDA, LINbus, MMC/SD, QSPI, SAI, SPI, SWPMI, UART/USART, USB OTG	CANbus, I ² C, IrDA, LINbus, MMC/SD, QSPI, SAI, SPI, SWPMI, UART/USART, USB OTG	CANbus, EBI/EMI, I ² C, IrDA, LINbus, MMC/SD, QSPI, SAI, SPI, SWPMI, UART/USART, USB OTG
Program Memory Size	1MB (1M x 8)	256KB (256K x 8)	1MB (1M x 8)	1MB (1M x 8)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Speed	80MHz	80MHz	80MHz	80MHz
Number of I/O	57	82	51	109
Operating Temperature	-40°C ~ 105°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Package / Case	72-UFBGA, WLCSP	100-LQFP	64-LQFP	132-UFBGA
Base Product Number	STM32L476	STM32L475	STM32L475	STM32L476
Core Processor	ARM® Cortex®-M4	ARM® Cortex®-M4	ARM® Cortex®-M4	ARM® Cortex®-M4
Peripherals	Brown-out Detect/Reset, DMA, LCD, PWM, WDT	Brown-out Detect/Reset, DMA, PWM, WDT	Brown-out Detect/Reset, DMA, PWM, WDT	Brown-out Detect/Reset, DMA, LCD, PWM, WDT
Oscillator Type	Internal	Internal	Internal	Internal
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Supplier Device Package	72-WLCSP (4.41x3.76)	100-LQFP (14x14)	64-LQFP (10x10)	132-UFBGA (7x7)
Core Size	32-Bit Single-Core	32-Bit Single-Core	32-Bit Single-Core	32-Bit Single-Core
EEPROM Size	-	-	-	-

STM32L476JGY7TR Datasheet PDF

Download STM32L476JGY7TR pdf datasheets and STMicroelectronics documentation for STM32L476JGY7TR - STMicroelectronics.

PCN Design/Specification

 [STM32L4/4+ DS Update 30/May/2018.pdf](#)





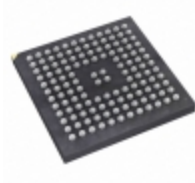
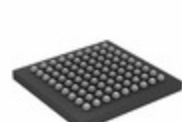



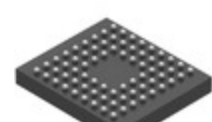
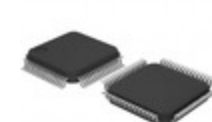
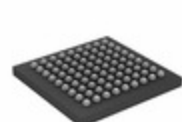


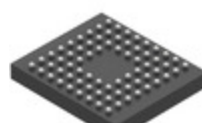



 [STM32L4y Datasheet Chg 7/Feb/2020.pdf](#)

HTML Datasheet

PCN Assembly/Origin

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STM32L475VET6 STMicroelectronics IC MCU 32BIT 512KB FLASH 100LQFP	STM32L475VET6,32 STMicroelectronics	STM32L476RET6TR STMicroelectronics IC MCU 32BIT 512KB FLASH 64LQFP	STM32L476JGY6TR STMicroelectronics IC MCU 32BIT 1MB FLASH 72WLCSP	STM32L476RET6 STMicroelectronics IC MCU 32BIT 512KB FLASH 64LQFP	STM32L476MEY6TR STMicroelectronics IC MCU 32BIT 512KB FLASH 81WLCSP
					
STM32L476QGI6 STMicroelectronics IC MCU 32BIT 1MB FLASH 132UFBGA	STM32L475RET6 STMicroelectronics IC MCU 32BIT 512KB FLASH 64LQFP	STM32L476JEY6TR STMicroelectronics IC MCU 32BIT 512KB FLASH 72WLCSP	STM32L476RCT6 STMicroelectronics IC MCU 32BIT 256KB FLASH 64LQFP	STM32L476RCT6TR STMicroelectronics IC MCU 32BIT 256KB FLASH 64LQFP	STM32L475VGT6 STMicroelectronics IC MCU 32BIT 1MB 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

- > 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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