



Image may be representation.
See specifications for product details.



STM32L476VET6

Manufacturer Part Number	STM32L476VET6
Manufacturer	STMicroelectronics
Allelco Part Number	32D-STM32L476VET6
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC MCU 32BIT 512KB FLASH 100LQFP
Package	100-LQFP
Data sheet	STM32L4x5, 4x6 Reference Manual.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

STM32L476VET6 - STMicroelectronics.New Original in Stock. Download Linear Technology STM32L476VET6 datasheet/specifications on AllelcoElec.com.
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Specifications

STM32L476VET6 Tech Specifications
STM32L476VET6 - 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	100-LQFP (14x14)	Number of I/O	82
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	512KB (512K x 8)	Core Processor	ARM® Cortex®-M4
Peripherals	Brown-out Detect/Reset, DMA, LCD, PWM, WDT	Connectivity	CANbus, EBI/EMI, I ² C, IrDA, LINbus, MMC/SD, QSPI, SAI, SPI, SWPMI, UART/USART, USB OTG
Package / Case	100-LQFP	Base Product Number	STM32L476
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics STM32L476VET6

Product Attribute				
Part Number	STM32L476VET6	STM32L476ZGT3	STM32L476VGT6	STM32L476RGT6
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Package / Case	100-LQFP	144-LQFP	100-LQFP	64-LQFP
Supplier Device Package	100-LQFP (14x14)	144-LQFP (20x20)	100-LQFP (14x14)	64-LQFP (10x10)
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
EEPROM Size	-	-	-	-
Voltage - Supply (Vcc/Vdd)	1.71V ~ 3.6V	1.71V ~ 3.6V	1.71V ~ 3.6V	1.71V ~ 3.6V
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, LCD, PWM, WDT	Brown-out Detect/Reset, DMA, LCD, PWM, WDT	Brown-out Detect/Reset, DMA, LCD, PWM, WDT
RAM Size	128K x 8	128K x 8	128K x 8	128K x 8
Program Memory Size	512KB (512K x 8)	1MB (1M x 8)	1MB (1M x 8)	1MB (1M x 8)
Data Converters	A/D 16x12b; D/A 2x12b	A/D 24x12b; D/A 2x12b	A/D 16x12b; D/A 2x12b	A/D 16x12b; D/A 2x12b
Base Product Number	STM32L476	STM32L476	STM32L476	STM32L476
Series	STM32L4	STM32L4	STM32L4	STM32L4
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Oscillator Type	Internal	Internal	Internal	Internal
Connectivity	CANbus, EBI/EMI, 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, 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
Speed	80MHz	80MHz	80MHz	80MHz
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Core Size	32-Bit Single-Core	32-Bit Single-Core	32-Bit Single-Core	32-Bit Single-Core
Package	Tray	Tray	Tray	Tray
Number of I/O	82	114	82	51

STM32L476VET6 Datasheet PDF

Download STM32L476VET6 pdf datasheets and STMicroelectronics documentation for STM32L476VET6 - STMicroelectronics.

PCN Packaging



PCN Assembly/Origin

2.73KHz.pdf

PCN Design/Specification

Mult Dev Material Chgs 28/Feb/2023.pdf




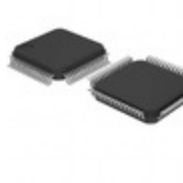


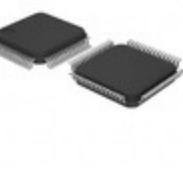



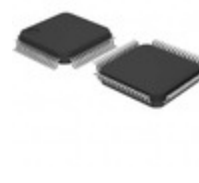







STM32L4/4+ DS Update 30/May/2018.pdf

HTML Datasheet

STM32L4x5, 4x6 Reference Manual.pdf

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STM32L476ZET6TR STMicroelectronics IC MCU 32BIT 512KB FLASH 144LQFP	STM32L476RET6TR STMicroelectronics IC MCU 32BIT 512KB FLASH 64LQFP	STM32L476ZGT6 STMicroelectronics IC MCU 32BIT 1MB FLASH 144LQFP	STM32L476VGT6TR STMicroelectronics IC MCU 32BIT 1MB FLASH 100LQFP	STM32L476VGT6TR STMicroelectronics IC MCU 32BIT 256KB FLASH 100LQFP	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.

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The payment method can be chosen from the methods shown below:
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