

Image may be representation.
See specifications for product details.



STM32L496VGY6PTR

Manufacturer Part Number	STM32L496VGY6PTR
Manufacturer	STMicroelectronics
Allelco Part Number	32D-STM32L496VGY6PTR
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC MCU 32BIT 1MB FLASH 100WLCSP
Package	100-UFBGA, WLCSP
Data sheet	STM32L496xx.pdf
	STM32L4x5, 4x6 Reference Manual.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

STM32L496VGY6PTR - STMicroelectronics.New Original in Stock. Download Linear Technology STM32L496VGY6PTR datasheet/specifications on AllelcoElec.com.
Request a quote for STM32L496VGY6PTR, please send us email: info@allelco.com

Specifications

STM32L496VGY6PTR Tech Specifications
STM32L496VGY6PTR - 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-WLCSP (4.62x4.14)	Number of I/O	83
Speed	80MHz	Mounting Type	Surface Mount
Series	STM32L4	EEPROM Size	-
RAM Size	320K 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, EBI/EMI, I ² C, IrDA, LINbus, MMC/SD, QSPI, SAI, SPI, SWPMI, UART/USART, USB OTG
Package / Case	100-UFBGA, WLCSP	Base Product Number	STM32L496
Package	Tape & Reel (TR)		

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics STM32L496VGY6PTR

Product Attribute				
Part Number	STM32L496VGY6PTR	STM32L4A6RGT7	STM32L496ZGT6TR	STM32L496ZGT6
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Base Product Number	STM32L496	STM32L4A6	STM32L496	STM32L496
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, EBI/EMI, I ² C, IrDA, LINbus, MMC/SD, QSPI, SAI, SPI, SWPMI, UART/USART, USB OTG
EEPROM Size	-	-	-	-
Data Converters	A/D 16x12b; D/A 2x12b	A/D 16x12b; D/A 2x12b	A/D 24x12b; D/A 2x12b	A/D 24x12b; D/A 2x12b
Package	Tape & Reel (TR)	Tray	Tape & Reel (TR)	Tray
Package / Case	100-UFBGA, WLCSP	64-LQFP	144-LQFP	144-LQFP
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
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 105°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Series	STM32L4	STM32L4	STM32L4	STM32L4
Program Memory Size	1MB (1M x 8)	1MB (1M x 8)	1MB (1M x 8)	1MB (1M x 8)
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Voltage - Supply (Vcc/Vdd)	1.71V ~ 3.6V	1.71V ~ 3.6V	1.71V ~ 3.6V	1.71V ~ 3.6V
Oscillator Type	Internal	Internal	Internal	Internal
RAM Size	320K x 8	320K x 8	320K x 8	320K x 8
Number of I/O	83	52	115	115
Supplier Device Package	100-WLCSP (4.62x4.14)	64-LQFP (10x10)	144-LQFP (20x20)	144-LQFP (20x20)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Speed	80MHz	80MHz	80MHz	80MHz
Core Size	32-Bit Single-Core	32-Bit Single-Core	32-Bit Single-Core	32-Bit Single-Core
Core Processor	ARM® Cortex®-M4	ARM® Cortex®-M4	ARM® Cortex®-M4	ARM® Cortex®-M4

STM32L496VGY6PTR Datasheet PDF

Download STM32L496VGY6PTR pdf datasheets and STMicroelectronics documentation for STM32L496VGY6PTR - STMicroelectronics.

Datasheets

STM32L496xx.pdf

PCN Assembly/Origin

PCN Design/Specification

HTML Datasheet

Customers Also Interested in

Recommended Products



STM32L4A6RGT7
STMicroelectronics
IC MCU 32BIT 1MB FLASH 64LQFP



STM32L496ZGT6TR
STMicroelectronics
IC MCU 32BIT 1MB FLASH 144LQFP



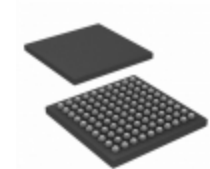
STM32L496ZGT6
STMicroelectronics
IC MCU 32BIT 1MB FLASH 144LQFP



STM32L496ZGT6P
STMicroelectronics
IC MCU 32BIT 1MB FLASH 144LQFP



STM32L496RET6
STMicroelectronics
IC MCU 32BIT 512KB FLASH 64LQFP



STM32L496VGY6TR
STMicroelectronics
IC MCU 32BIT 1MB FLASH 100WLCSP



STM32L496VET6
STMicroelectronics
IC MCU 32BIT 512KB FLASH 100LQFP



STM32L496VGT6
STMicroelectronics
IC MCU 32BIT 1MB FLASH 100LQFP



STM32L4A6RGT6
STMicroelectronics
IC MCU 32BIT 1MB FLASH 64LQFP



STM32L496ZET6
STMicroelectronics
IC MCU 32BIT 512KB FLASH 144LQFP



STM32L496VGT3
STMicroelectronics
IC MCU 32BIT 1MB FLASH 100LQFP



STM32L4A6VGT6P
STMicroelectronics
IC MCU 32BIT 1MB FLASH 100LQFP



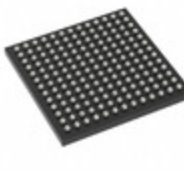
STM32L496RGT3
STMicroelectronics
IC MCU 32BIT 1MB FLASH 64LQFP



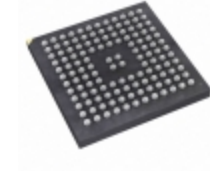
STM32L496VGT6TR
STMicroelectronics
IC MCU 32BIT 1MB FLASH 100LQFP



STM32L496RGT6TR
STMicroelectronics
IC MCU 32BIT 1MB FLASH 64LQFP



STM32L4A6AGI6
STMicroelectronics
IC MCU 32BIT 1MB FLASH 169UFBGA



STM32L496QGI6
STMicroelectronics
IC MCU 32BIT 1MB FLASH 132UFBGA



STM32L496RGT6
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



View More

