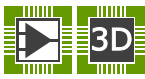



STM32L562VET6TR

Manufacturer Part Number	STM32L562VET6TR
Manufacturer	STMicroelectronics
Allelco Part Number	32D-STM32L562VET6TR
ECAD Model	 PCB Symbol, Footprint & 3D Mode
Parts Description	CONTROLLER / PROCESSOR
Package	100-LQFP
Data sheet	STM32L562VET6TR.pdf
RoHs Status	 ROHS3 Compliant


[Get a Quote](#)

STM32L562VET6TR - STMicroelectronics.New Original in Stock. Download Linear Technology STM32L562VET6TR datasheet/specifications on AllelcoElec.com.

Request a quote for STM32L562VET6TR, please send us email: info@allelco.com

Specifications





STM32L562VET6TR Tech Specifications

STM32L562VET6TR - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Package	Tape & Reel (TR)
Voltage - Supply (Vcc/Vdd)	1.71V ~ 3.6V	Oscillator Type	External, Internal
Supplier Device Package	100-LQFP (14x14)	Operating Temperature	-40°C ~ 85°C (TA)
Speed	110MHz	Number of I/O	83
Series	STM32L5	Mounting Type	Surface Mount
RAM Size	256K x 8	EEPROM Size	-
Program Memory Type	FLASH	Data Converters	A/D 16x12b SAR; D/A 2x12b
Program Memory Size	512KB (512K x 8)	Core Size	32-Bit
Peripherals	Brown-out Detect/Reset, DMA, PWM, WDT	Core Processor	ARM® Cortex®-M33
Package / Case	100-LQFP	Connectivity	CANbus, FIFO, I ² C, IrDA, LINbus, MMC/SD, SAI, SMBus, SPI, UART/USART, USB

Parts with Similar Specifications


The three parts on the right have similar specifications to STMicroelectronics STM32L562VET6TR

Product Attribute	 NO PICTURE			
Part Number	STM32L562VET6TR	STM32L552CCT6	STM32L562ZET6TR	STM32L552CET6
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Data Converters	A/D 16x12b SAR; D/A 2x12b	A/D 9x12b; D/A 2x12b	A/D 16x12b SAR; D/A 2x12b	A/D 9x12b; D/A 2x12b
Package	Tape & Reel (TR)	Tray	Tape & Reel (TR)	Tray
Core Processor	ARM® Cortex®-M33	ARM® Cortex®-M33	ARM® Cortex®-M33	ARM® Cortex®-M33
Package / Case	100-LQFP	48-LQFP	144-LQFP	48-LQFP
Core Size	32-Bit	32-Bit Single-Core	32-Bit	32-Bit Single-Core
Supplier Device Package	100-LQFP (14x14)	48-LQFP (7x7)	144-LQFP (20x20)	48-LQFP (7x7)
Voltage - Supply (Vcc/Vdd)	1.71V ~ 3.6V	1.71V ~ 3.6V	1.71V ~ 3.6V	1.71V ~ 3.6V
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
RAM Size	256K x 8	256K x 8	256K x 8	256K x 8
Program Memory Size	512KB (512K x 8)	256KB (256K x 8)	512KB (512K x 8)	512KB (512K x 8)
Connectivity	CANbus, FIFO, I ² C, IrDA, LINbus, MMC/SD, SAI, SMBus, SPI, UART/USART, USB	CANbus, I ² C, IrDA, LINbus, MMC/SD, QSPI, SAI, SPI, UART/USART, USB	CANbus, FIFO, I ² C, IrDA, LINbus, MMC/SD, SAI, SMBus, SPI, UART/USART, USB	CANbus, I ² C, IrDA, LINbus, MMC/SD, QSPI, SAI, SPI, UART/USART, USB
Series	STM32L5	STM32L5	STM32L5	STM32L5
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Oscillator Type	External, Internal	Internal	External, Internal	Internal
EEPROM Size	-	-	-	-
Number of I/O	83	38	115	38
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Peripherals	Brown-out Detect/Reset, DMA, PWM, WDT	Brown-out Detect/Reset, DMA, PWM, WDT	Brown-out Detect/Reset, DMA, PWM, WDT	Brown-out Detect/Reset, DMA, PWM, WDT
Speed	110MHz	110MHz	110MHz	110MHz

STM32L562VET6TR Datasheet PDF

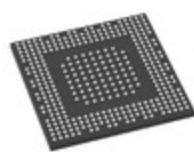
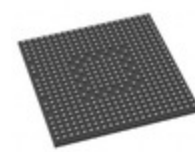
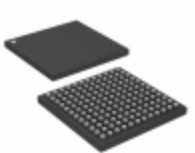
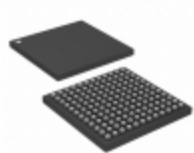
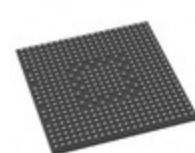
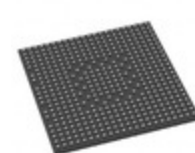
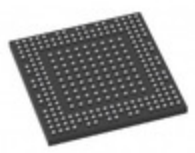
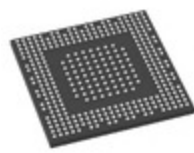
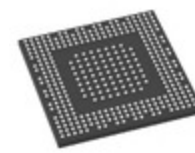
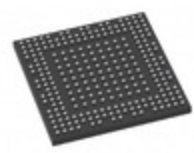
Download STM32L562VET6TR pdf datasheets and STMicroelectronics documentation for STM32L562VET6TR - STMicroelectronics.

PCN Design/Specification

 Mult Dev Material Chgs 28/Feb/2023.pdf
--

Customers Also Interested in

Recommended Products

**STM32L552CCT6**STMicroelectronics
IC MCU 32BIT 256KB FLASH 48LQFP**STM32MP153AAB3**STMicroelectronics
MPU ARM DUAL CORTEX-A7 650
MHZ A**STM32L562ZET6TR**STMicroelectronics
CONTROLLER / PROCESSOR**STM32MP153AAA3**STMicroelectronics
MPU ARM DUAL CORTEX-A7 650
MHZ A**STM32L552CET6**STMicroelectronics
IC MCU 32BIT 512KB FLASH 48LQFP**STM32L4R9ZIT6**STMicroelectronics
IC MCU 32BIT 2MB FLASH 144LQFP**STM32L4R9ZIY6TR**STMicroelectronics
IC MCU 32BIT 2MB FLASH
144WLQFP**STM32L4R9ZIY6PTR**STMicroelectronics
IC MCU 32BIT 2MB FLASH
144WLQFP**STM32MP157AAA3**STMicroelectronics
MPU ARM DUAL CORTEX-A7 650
MHZ A**STM32MP153DAA1**STMicroelectronics
MPU WITH ARM DUAL CORTEX-A7
800**STM32L4S5ZIT6**STMicroelectronics
IC MCU 32BIT 2MB FLASH 144LQFP**STM32L562VET6**STMicroelectronics
IC MCU 32BIT 512KB FLASH
100LQFP**STM32MP151CAD3**STMicroelectronics
MPU WITH ARM CORTEX-A7 650
MHZ,**STM32MP157AAC3**STMicroelectronics
MPU ARM DUAL CORTEX-A7 650
MHZ A**STM32MP151AAC3**STMicroelectronics
MPU ARM CORTEX-A7 650 MHZ ARM
CO**STM32L552RET6**STMicroelectronics
IC MCU 32BIT 512KB FLASH 64LQFP**STM32L562ZET6**STMicroelectronics
IC MCU 32BIT 512KB FLASH
144LQFP**STM32MP157AAD3**STMicroelectronics
MPU ARM DUAL CORTEX-A7 650
MHZ A

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 Alleco 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@alleco.com

Certifications & Memberships



[View More](#)