



## STM32L462VET6

Part Number:	STM32L462VET6
Manufacturer/Brand:	STMicroelectronics
Product description:	IC MCU 32BIT 512KB FLASH 100LQFP
Datasheets:	<a href="#">1.STM32L462VET6.pdf</a> <a href="#">2.STM32L462VET6.pdf</a> <a href="#">3.STM32L462VET6.pdf</a>
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	12632 pcs stock
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

**REQUEST FOR QUOTATION**

Image may be representation. See specifications for product details.

### Specifications of STM32L462VET6

PART NUMBER	STM32L462VET6
MANUFACTURER	STMicroelectronics
DESCRIPTION	IC MCU 32BIT 512KB FLASH 100LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	12632 pcs
DATA SHEET	<a href="#">1.STM32L462VET6.pdf</a> <a href="#">2.STM32L462VET6.pdf</a> <a href="#">3.STM32L462VET6.pdf</a>
VOLTAGE - SUPPLY (VCC/VDD)	1.71 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	100-LQFP (14x14)
SPEED	80MHz
SERIES	STM32L4
RAM SIZE	160K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	512KB (512K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	100-LQFP
OTHER NAMES	497-17216 STM32L462VET6-ND
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	83
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M4 STM32L4 Microcontroller IC 32-Bit 80MHz 512KB (512K x 8) FLASH 100-LQFP (14x14)
DATA CONVERTERS	A/D 16x12b, D/A 1x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	CANbus, I <sup>2</sup> C, IrDA, LINbus, MMC/SD, QSPI, SAI, SPI, UART/USART, USB

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<p><b>STM32L462REI6</b> Manufacturers: STMicroelectronics Description: IC MCU 32BIT 512KB FLASH 64UFBGA In stock: 11798 pcs</p> <p><b>RFQ</b></p>	<p><b>STM32L471RET6</b> Manufacturers: STMicroelectronics Description: IC MCU 32BIT 512KB FLASH 64LQFP In stock: 21473 pcs</p> <p><b>RFQ</b></p>
<p><b>STM32L471RGT6</b> Manufacturers: STMicroelectronics Description: IC MCU 32BIT 1MB FLASH 64LQFP In stock: 10490 pcs</p> <p><b>RFQ</b></p>	<p><b>STM32L471QGI6</b> Manufacturers: STMicroelectronics Description: IC MCU 32BIT 1MB FLASH 132UFBGA In stock: 9422 pcs</p> <p><b>RFQ</b></p>
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<p><b>STM32L462CEU6</b> Manufacturers: STMicroelectronics Description: IC MCU 32BIT 512KB FLASH 48UQFN In stock: 13486 pcs</p> <p><b>RFQ</b></p>	<p><b>STM32L471RGT6TR</b> Manufacturers: STMicroelectronics Description: LQFP 64 10X10X1.4 1 In stock: 18933 pcs</p> <p><b>RFQ</b></p>
<p><b>STM32L452VET6</b> Manufacturers: STMicroelectronics Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: 10413 pcs</p> <p><b>RFQ</b></p>	<p><b>STM32L462VEI6</b> Manufacturers: STMicroelectronics Description: IC MCU 32BIT 512KB FLASH 100FBGA In stock: 10535 pcs</p> <p><b>RFQ</b></p>
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