

STM32L451VC16	
Part Number	<a href="#">STM32L451VC16</a>
Manufacturer	STMicroelectronics
Description	IC MCU 32BIT 256KB FLASH 100UFBG
Quantity Available	95 pcs in stock
Datasheets	<a href="#">1.STM32L451VC16.pdf</a> <a href="#">2.STM32L451VC16.pdf</a> <a href="#">3.STM32L451VC16.pdf</a>
STM32L451VC16 Price	<a href="#">Request Price &amp; Lead Time Online</a> or Email us: <a href="mailto:Info@ariat-tech.com">Info@ariat-tech.com</a>


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Technical Information of STM32L451VC16			
Manufacturer Part Number	<a href="#">STM32L451VC16</a>	Category	Integrated Circuits (ICs)
Manufacturer	STMicroelectronics	Description	IC MCU 32BIT 256KB FLASH 100UFBG
Package / Case	Tube	Quantity Available	95
Voltage - Supply (Vcc/Vdd)	1.71 V ~ 3.6 V	Supplier Device Package	64-WLCSP (3.36x3.66)
Speed	80MHz	Series	STM32L4
RAM Size	160K x 8	Program Memory Type	FLASH
Program Memory Size	256KB (256K x 8)	Peripherals	Brown-out Detect/Reset, DMA, PWM, WDT
Packaging	Tube	Package / Case	64-UFBGA, WLCSP
Other Names	497-17978 STM32L451VC16-ND	Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	83
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Manufacturer Standard Lead Time	12 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	ARM® Cortex®-M4 STM32L4 Microcontroller IC 32-Bit 80MHz 256KB (256K x 8) FLASH 64-WLCSP (3.36x3.66)	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		

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Related parts for STM32L451VC16				
Image	Part Number	Description	Manufacturer	Quantity
	<a href="#">STM32L451RC16</a>	IC MCU 32BIT 256KB FLASH 64UFBGA	STMicroelectronics	100 pcs
	<a href="#">STM32L451RET6</a>	IC MCU 32BIT 512KB FLASH 64LQFP	STMicroelectronics	85 pcs
	<a href="#">STM32L452CEU6</a>	IC MCU 32BIT 512KB FLASH 48UQFN	STMicroelectronics	500 pcs
	<a href="#">STM32L451CEU6</a>	IC MCU 32BIT 512KB FLASH 48UFQFP	STMicroelectronics	500 pcs
	<a href="#">STM32L451CCU6TR</a>	UFQFPN 7X7X0.55 48L	STMicroelectronics	500 pcs
	<a href="#">STM32L451RET6TR</a>	LQFP 64 10X10X1.4 1	STMicroelectronics	500 pcs
	<a href="#">STM32L451VCT6</a>	IC MCU 32BIT 256KB FLASH 100LQFP	STMicroelectronics	88 pcs
	<a href="#">STM32L451VET6</a>	IC MCU 32BIT 512KB FLASH 100LQFP	STMicroelectronics	88 pcs
	<a href="#">STM32L451RCY6TR</a>	IC MCU 32BIT 256KB FLASH 64LQFP	STMicroelectronics	500 pcs
	<a href="#">STM32L452RCY6TR</a>	IC MCU 32BIT 256KB FLASH 64LQFP	STMicroelectronics	500 pcs
	<a href="#">STM32L451CCU6</a>	IC MCU 32BIT 256KB FLASH 48UFQFP	STMicroelectronics	500 pcs
	<a href="#">STM32L451REY6TR</a>	STM32 32-BIT ARM CORTEX MCUS	STMicroelectronics	42 pcs
	<a href="#">STM32L452REI3</a>	UFBGA 5X5X0.6 64L P	STMicroelectronics	100 pcs
	<a href="#">STM32L451REI6</a>	IC MCU 32BIT 512KB FLASH 64UFBGA	STMicroelectronics	500 pcs
	<a href="#">STM32L452RCI6</a>	IC MCU 32BIT 256KB FLASH 64UFBGA	STMicroelectronics	500 pcs
	<a href="#">STM32L451VEI6</a>	IC MCU 32BIT 512KB FLASH 100UFBG	STMicroelectronics	80 pcs
	<a href="#">STM32L452CEU3</a>	UFQFPN 7X7X0.55 48L	STMicroelectronics	500 pcs
	<a href="#">STM32L452CCU6</a>	IC MCU 32BIT 256KB FLASH 48UFQFP	STMicroelectronics	64 pcs
	<a href="#">STM32L451RCT6</a>	IC MCU 32BIT 256KB FLASH 64LQFP	STMicroelectronics	74 pcs
	<a href="#">STM32L452RCT6</a>	IC MCU 32BIT 256KB FLASH 64LQFP	STMicroelectronics	75 pcs

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