



### STM32L151VBT6A

Part Number: **STM32L151VBT6A**  
 Product Description: IC MCU 32BIT 128KB FLASH 100LQFP  
 RoHs Status: Lead free / RoHS Compliant  
 Datasheets: [1.STM32L151VBT6A.pdf](#)  
[2.STM32L151VBT6A.pdf](#)  
[3.STM32L151VBT6A.pdf](#)

Manufacturer/Brand: STMicroelectronics  
 Ship From: Hong Kong  
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

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Image may be representation.  
 See specifications for product details.

#### Product details

<b>Part Number</b>	STM32L151VBT6A	<b>Manufacturer</b>	STMicroelectronics
<b>Description</b>	IC MCU 32BIT 128KB FLASH 100LQFP	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Data sheet</b>	1.STM32L151VBT6A.pdf2.STM32L151VBT6A.pdf3.STM32L151VBT6A.pdf		
<b>Voltage - Supply (Vcc/Vdd)</b>	1.8 V ~ 3.6 V	<b>Supplier Device Package</b>	100-LQFP (14x14)
<b>Speed</b>	32MHz	<b>Series</b>	STM32L1
<b>RAM Size</b>	32K x 8	<b>Program Memory Type</b>	FLASH
<b>Program Memory Size</b>	128KB (128K x 8)	<b>Peripherals</b>	Brown-out Detect/Reset, DMA, I <sup>2</sup> S, POR, PWM, WDT
<b>Packaging</b>	Tray	<b>Package / Case</b>	100-LQFP
<b>Other Names</b>	497-17528 STM32L151VBT6A-ND	<b>Oscillator Type</b>	Internal
<b>Operating Temperature</b>	-40°C ~ 85°C (TA)	<b>Number of I/O</b>	83
<b>Moisture Sensitivity Level (MSL)</b>	3 (168 Hours)	<b>Manufacturer Standard Lead Time</b>	30 Weeks
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant	<b>EEPROM Size</b>	4K x 8
<b>Detailed Description</b>	ARM® Cortex®-M3 STM32L1 Microcontroller IC 32-Bit 32MHz 128KB (128K x 8) FLASH 100-LQFP (14x14)	<b>Data Converters</b>	A/D 24x12b, D/A 2x12b
<b>Core Size</b>	32-Bit	<b>Core Processor</b>	ARM® Cortex®-M3
<b>Connectivity</b>	I <sup>2</sup> C, IrDA, LINbus, SPI, UART/USART, USB		

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