


 life.augmented	<b>Manufacturer Part Number:</b> STM32L051T8Y6TR
	<b>Manufacturer/Brand:</b> STMicroelectronics
 Not Actual Photo YIC International Co., Limited.	<b>Part of Description:</b> IC MCU 32BIT 64KB FLASH 36WLCSP
	<b>Datasheets:</b>  <a href="#">STM32L051T8Y6TR.pdf</a>
Image may be representation. See specs for product details.	<b>RoHs Status:</b>  Lead free / RoHS
	<b>Stock Condition:</b> Compliant New original, Stock Available.
	<b>Ship From:</b> Hong Kong
	<b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS

### Specifications

Part Number	STM32L051T8Y6TR
Manufacturer	STMicroelectronics
Description	IC MCU 32BIT 64KB FLASH 36WLCSP
Category	Integrated Circuits (ICs) > Embedded - Microcontrollers
Part Status	Require For Quote & Check Stock
Series	STM32 L0
Operating Temperature	-40°C ~ 85°C (TA)
Package / Case	36-UFBGA, WLCSP
Supplier Device Package	36-WLCSP
Peripherals	Brown-out Detect/Reset, DMA, I <sup>2</sup> S, POR, PWM, WDT
Core Processor	ARM® Cortex®-M0+
Speed	32MHz
Number of I/O	29
EEPROM Size	2K x 8
RAM Size	8K x 8
Core Size	32-Bit
Connectivity	I <sup>2</sup> C, IrDA, SPI, UART/USART
Program Memory Size	64KB (64K x 8)
Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd)	1.65 V ~ 3.6 V
Data Converters	A/D 10x12b
Oscillator Type	Internal
Packaging	Tape & Reel (TR)












































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 <b>STM32L051T6Y6TR</b> STMicroelectronics IC MCU 32BIT 32KB FLASH 36WLCSP	 <b>STM32L051T8Y7DTR</b> STMicroelectronics IC MCU 32BIT 64KB FLASH 36WLCSP	 <b>STM32L051R8T6TR</b> STMicroelectronics IC MCU 32BIT 64KB FLASH 64LQFP	 <b>STM32L052C6T6</b> STMicroelectronics IC MCU 32BIT 32KB FLASH 48LQFP

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