




 Not Actual Photo YIC International Co., Limited.	Manufacturer Part Number: STM32L431RBY6TR
	Manufacturer/Brand: STMicroelectronics
Part of Description: IC MCU 32BIT 128KB FLASH 64WLCSP	Datasheets: <ul style="list-style-type: none">  1.STM32L431RBY6TR.pdf  2.STM32L431RBY6TR.pdf  3.STM32L431RBY6TR.pdf  4.STM32L431RBY6TR.pdf
RoHs Status:  Lead free / RoHS	Stock Condition: ^{Compliant} New original, 2669 pcs Stock Available.
Ship From: Hong Kong	Shipment Way: DHL/Fedex/TNT/UPS/EMS

Specifications	
Part Number	STM32L431RBY6TR
Manufacturer	STMicroelectronics
Description	IC MCU 32BIT 128KB FLASH 64WLCSP
Category	Integrated Circuits (ICs) > Embedded - Microcontrollers
Part Status	2669 pcs Stock
Voltage - Supply (Vcc/Vdd)	1.71 V ~ 3.6 V
Speed	80MHz
Series	STM32L4
RAM Size	64K x 8
Program Memory Type	FLASH
Program Memory Size	128KB (128K x 8)
Peripherals	Brown-out Detect/Reset, DMA, PWM, WDT
Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	52
EEPROM Size	-
Data Converters	A/D 16x12b, D/A 2x12b
Core Size	32-Bit
Core Processor	ARM® Cortex®-M4
Connectivity	CAN, I ² C, IrDA, LIN, MMC/SD, QSPI, SAI, SPI, SWPMI,

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