





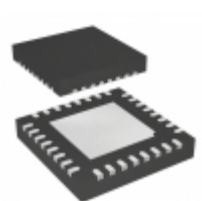






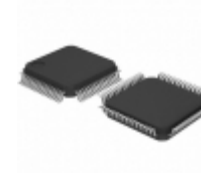
 life.augmented	<b>Manufacturer Part Number:</b> STM32L431KBU6
	<b>Manufacturer/Brand:</b> STMicroelectronics
 Not Actual Photo YIC International Co., Limited.	<b>Part of Description:</b> IC MCU 32BIT 128KB FLASH 32QFN
	<b>Datasheets:</b> <ul style="list-style-type: none"> <li> 1.STM32L431KBU6.pdf</li> <li> 2.STM32L431KBU6.pdf</li> <li> 3.STM32L431KBU6.pdf</li> <li> 4.STM32L431KBU6.pdf</li> </ul>
	<b>RoHs Status:</b>  Lead free / RoHS
	<b>Stock Condition:</b> <sup>Compliant</sup> New original, Stock Available.
<b>Ship From:</b> Hong Kong	
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### Specifications

Part Number	STM32L431KBU6
Manufacturer	STMicroelectronics
Description	IC MCU 32BIT 128KB FLASH 32QFN
Category	Integrated Circuits (ICs) > Embedded - Microcontrollers
Part Status	Require For Quote & Check Stock
Series	STM32L4
Operating Temperature	-40°C ~ 85°C (TA)
Peripherals	Brown-out Detect/Reset, DMA, PWM, WDT
Core Processor	ARM® Cortex®-M4
Speed	80MHz
Number of I/O	26
EEPROM Size	-
RAM Size	64K x 8
Core Size	32-Bit
Connectivity	CAN, I <sup>2</sup> C, IrDA, LIN, QSPI, SAI, SPI, SWPMI,
Program Memory Size	128KB (128K x 8)
Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd)	1.71 V ~ 3.6 V
Data Converters	A/D 10x12b, D/A 2x12b
Oscillator Type	Internal

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 <b>STM32L431KBU6TR</b> STMicroelectronics UFQFPN 5X5X0.55 32L	 <b>STM32L431RBI6TR</b> STMicroelectronics UFBGA 5X5X0.6 64L P	 <b>STM32L431CCY6TR</b> STMicroelectronics IC MCU 32BIT 256KB FLASH 49WLCSP	 <b>STM32L431RBT6</b> STMicroelectronics IC MCU 32BIT 128KB FLASH 64LQFP

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