









 life.augmented	<h2>STM32L431CBU6</h2>
	<p><b>Manufacturer Part Number:</b> STM32L431CBU6</p> <p><b>Manufacturer/Brand:</b> STMicroelectronics</p> <p><b>Part of Description:</b> IC MCU 32BIT 128KB FLASH 48QFN</p> <p><b>Datasheets:</b></p> <ul style="list-style-type: none"> <li> 1.STM32L431CBU6.pdf</li> <li> 2.STM32L431CBU6.pdf</li> <li> 3.STM32L431CBU6.pdf</li> <li> 4.STM32L431CBU6.pdf</li> </ul> <p><b>RoHs Status:</b>  Lead free / RoHS</p> <p><b>Stock Condition:</b> <sup>Compliant</sup> New original, Stock Available.</p> <p><b>Ship From:</b> Hong Kong</p> <p><b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS</p>
Image may be representation. See specs for product details.	

Specifications	
Part Number	STM32L431CBU6
Manufacturer	STMicroelectronics
Description	IC MCU 32BIT 128KB FLASH 48QFN
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	39
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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| ⊣ C3216C0G1E223J     | ⊛ CC1125RHBR         | D CGA4J3X8R2A683M125AD | ⇒ CSG3003-45A01     | ⇒ DM9010EP           |
| ⊛ E50T003P           | ⊣ EFCH1842TCD7       | ⊛ EXQ125-48S1V2J       | ↔ FP25R12KS4C       | ⇒ FW330Y1-33T        |
| D GQM1555C2D1R7CB01D | ⊛ GRM1555C1E2R7BA01D | ⊣ GRM155R71E223JA61D   | ⊛ HD6413079FBL18GCM | ⇒ IHLP2020BZER1R0M11 |
| ⇒ K0682LC420         | ↔ K4T56163QO-BCE7    | ⊛ K6T4016V4C-ZF10      | ⊣ LM405T-5.0        | ⇒ LT1943EFE#TRPBF    |
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