



STMicroelectronics



STM32L431KBU6

Part Number:	STM32L431KBU6
Manufacturer/Brand:	STMicroelectronics
Product description	IC MCU 32BIT 128KB FLASH 32QFN
	1.STM32L431KBU6.pdf
	2.STM32L431KBU6.pdf
	3.STM32L431KBU6.pdf
	4.STM32L431KBU6.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

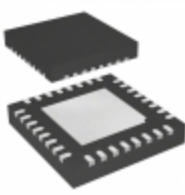
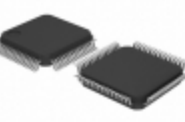
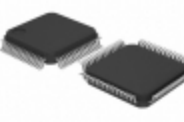
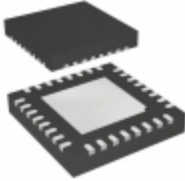
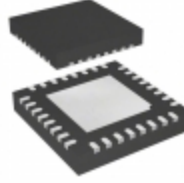
Specifications of STM32L431KBU6

PART NUMBER	STM32L431KBU6
MANUFACTURER	STMicroelectronics
DESCRIPTION	IC MCU 32BIT 128KB FLASH 32QFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.STM32L431KBU6.pdf 2.STM32L431KBU6.pdf 3.STM32L431KBU6.pdf 4.STM32L431KBU6.pdf
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	26
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	12 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M4 STM32L4 Microcontroller IC 32-Bit 80MHz 128KB (128K x 8) FLASH
DATA CONVERTERS	A/D 10x12b, D/A 2x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	CANbus, I²C, IrDA, LINbus, QSPI, SAI, SPI, SWPMI, UART/USART

Related Tags

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 STM32L431RBI6TR Manufacturers: STMicroelectronics Description: UFBGA 5X5X0.6 64L P In stock: Out stock RFQ	 STM32L431RBI6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 128KB FLASH 64UFBGA In stock: 100 pcs RFQ
 STM32L431RBT6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 128KB FLASH 64LQFP In stock: 448 pcs RFQ	 STM32L431CCT6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 256KB FLASH 48LQFP In stock: 885 pcs RFQ
 STM32L431KBU6TR Manufacturers: STMicroelectronics Description: UQFPN 5X5X0.55 32L In stock: Out stock RFQ	 STM32L431RBT6TR Manufacturers: STMicroelectronics Description: IC MCU 32BIT 128KB FLASH 64LQFP In stock: Out stock RFQ
 STM32L431CCU6TR Manufacturers: STMicroelectronics Description: UQFPN 7X7X0.55 48L In stock: Out stock RFQ	 STM32L431KBU3 Manufacturers: STMicroelectronics Description: UQFPN 5X5X0.55 32L In stock: Out stock RFQ
 STM32L431CCY6TR Manufacturers: STMicroelectronics Description: STM32 32-BIT ARM CORTEX MCUS In stock: 500 pcs RFQ	 STM32L431CCU6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 256KB FLASH 48QFN In stock: Out stock RFQ