



STMicroelectronics



STM32L431CBT6

Part Number:	STM32L431CBT6
Manufacturer/Brand:	STMicroelectronics
Product description	IC MCU 32BIT 128KB FLASH 48LQFP
	 1.STM32L431CBT6.pdf
	 2.STM32L431CBT6.pdf
	 3.STM32L431CBT6.pdf
	 4.STM32L431CBT6.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	20860 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

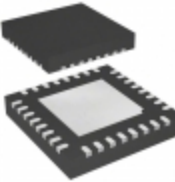
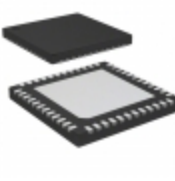
Specifications of STM32L431CBT6

PART NUMBER	STM32L431CBT6
MANUFACTURER	STMicroelectronics
DESCRIPTION	IC MCU 32BIT 128KB FLASH 48LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	20860 pcs
DATA SHEET	 1.STM32L431CBT6.pdf  2.STM32L431CBT6.pdf  3.STM32L431CBT6.pdf  4.STM32L431CBT6.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.71 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	48-LQFP (7x7)
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
PACKAGING	Tray
PACKAGE / CASE	48-LQFP
OTHER NAMES	497-17957 STM32L431CBT6-ND
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	39
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
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 48-LQFP (7x7)
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

STMicroelectronics STM32L431CBT6	STM32L431CBT6 Distributor	STM32L431CBT6 Supplier
STM32L431CBT6 Price	STM32L431CBT6 Pictures	STM32L431CBT6 Image
STM32L431CBT6 PDF Datasheet	STM32L431CBT6 Download Datasheet	STM32L431CBT6 Datasheet
STM32L431CBT6 Stock	Buy STM32L431CBT6	Buy STMicroelectronics STM32L431CBT6
STMicroelectronics STM32L431CBT6	STMicroelectronics Supplier	STMicroelectronics Distributor
STMicroelectronics STM32L431CBT6		

Related Products

 STM32L162ZCT6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 256KB FLASH 144LQFP In stock: 13733 pcs RFQ	 STM32L431CCU6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 256KB FLASH 48QFN In stock: 15964 pcs RFQ
 STM32L431CBY7TR Manufacturers: STMicroelectronics Description: WLCSP 49L DIE 435 P In stock: 41943 pcs RFQ	 STM32L431CCT6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 256KB FLASH 48LQFP In stock: 15587 pcs RFQ
 STM32L162ZDT6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 384KB FLASH 144LQFP In stock: 14205 pcs RFQ	 STM32L431CBU6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 128KB FLASH 48QFN In stock: 21391 pcs RFQ
 STM32L162VEY6TR Manufacturers: STMicroelectronics Description: IC MCU 32BIT 512KB FLASH 104CSP In stock: 24027 pcs RFQ	 STM32L162ZET6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 512KB FLASH 144LQFP In stock: 11179 pcs RFQ
 STM32L431CCT6TR Manufacturers: STMicroelectronics Description: LQFP 48 7X7X1.4 1 In stock: 27741 pcs RFQ	 STM32L431CBY6TR Manufacturers: STMicroelectronics Description: IC MCU 32BIT 128KB FLASH 48CSP In stock: 43033 pcs RFQ
 STM32L162VET6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: 15814 pcs RFQ	 STM32L162VDT6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 384KB FLASH 100LQFP In stock: 15373 pcs RFQ