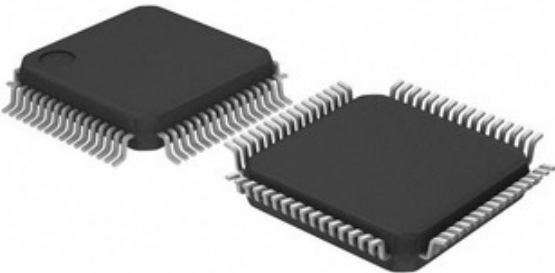




STMicroelectronics



STM32L431RCT6

Part Number:	STM32L431RCT6
Manufacturer/Brand:	STMicroelectronics
Product description	IC MCU 32BIT 256KB FLASH 64LQFP
	PDF 1.STM32L431RCT6.pdf
	PDF 2.STM32L431RCT6.pdf
	PDF 3.STM32L431RCT6.pdf
	PDF 4.STM32L431RCT6.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

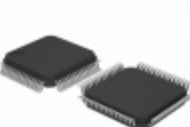
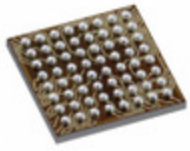
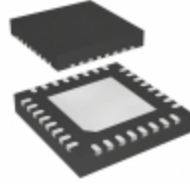
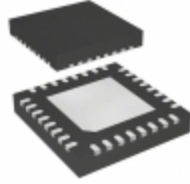
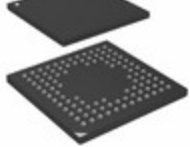
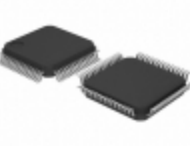
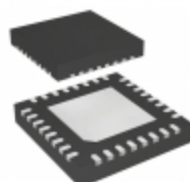
Specifications of STM32L431RCT6

PART NUMBER	STM32L431RCT6
MANUFACTURER	STMicroelectronics
DESCRIPTION	IC MCU 32BIT 256KB FLASH 64LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	PDF 1.STM32L431RCT6.pdf PDF 2.STM32L431RCT6.pdf PDF 3.STM32L431RCT6.pdf PDF 4.STM32L431RCT6.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.71 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	64-LQFP (10x10)
SPEED	80MHz
SERIES	STM32L4
RAM SIZE	64K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	256KB (256K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	64-LQFP
OTHER NAMES	497-17960 STM32L431RCT6-ND
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	52
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 256KB (256K x 8) FLASH 64-LQFP (10x10)
DATA CONVERTERS	A/D 16x12b, D/A 2x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	CANbus, I²C, IrDA, LINbus, MMC/SD, QSPI, SAI, SPI, SWPMI, UART/USART

Related Tags

STMicroelectronics STM32L431RCT6	STM32L431RCT6 Distributor	STM32L431RCT6 Supplier
STM32L431RCT6 Price	STM32L431RCT6 Pictures	STM32L431RCT6 Image
STM32L431RCT6 PDF Datasheet	STM32L431RCT6 Download Datasheet	STM32L431RCT6 Datasheet
STM32L431RCT6 Stock	Buy STM32L431RCT6	Buy STMicroelectronics STM32L431RCT6
STMicroelectronics STM32L431RCT6	STMicroelectronics Supplier	STMicroelectronics Distributor
STMicroelectronics STM32L431RCT6		

Related Products

 STM32L431RBT6TR Manufacturers: STMicroelectronics Description: IC MCU 32BIT 128KB FLASH 64LQFP In stock: Out stock RFQ	 STM32L431RBI6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 128KB FLASH 64UFBGA In stock: 100 pcs RFQ
 STM32L431RCY6TR Manufacturers: STMicroelectronics Description: IC MCU 32BIT 256KB FLASH 64WLCSP In stock: Out stock RFQ	 STM32L431RCI6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 256KB FLASH 64UFBGA In stock: Out stock RFQ
 STM32L432KCU3 Manufacturers: STMicroelectronics Description: UFBGA 5X5X0.55 32L In stock: Out stock RFQ	 STM32L432KBU6TR Manufacturers: STMicroelectronics Description: IC MCU 32BIT 128KB FLASH 32QFN In stock: Out stock RFQ
 STM32L431RBI6TR Manufacturers: STMicroelectronics Description: UFBGA 5X5X0.6 64L P In stock: Out stock RFQ	 STM32L431VCI6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 256KB FLASH 100BGA In stock: Out stock RFQ
 STM32L431VCT6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 256KB FLASH 100LQFP In stock: 523 pcs RFQ	 STM32L431RBT6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 128KB FLASH 64LQFP In stock: 448 pcs RFQ
 STM32L432KBU6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 128KB FLASH 32QFN In stock: Out stock RFQ	 STM32L431RBY6TR Manufacturers: STMicroelectronics Description: IC MCU 32BIT 128KB FLASH 64WLCSP In stock: Out stock RFQ