



STMicroelectronics



STM32L431CCY6TR

Part Number:	STM32L431CCY6TR
Manufacturer/Brand:	STMicroelectronics
Product description	STM32 32-BIT ARM CORTEX MCUS
	 1.STM32L431CCY6TR.pdf
	 2.STM32L431CCY6TR.pdf
	 3.STM32L431CCY6TR.pdf
	 4.STM32L431CCY6TR.pdf
	 5.STM32L431CCY6TR.pdf
Datasheets:	
Stock Condition	19858 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

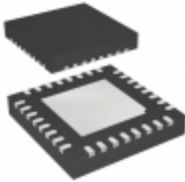
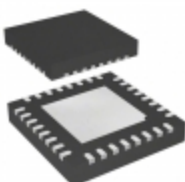
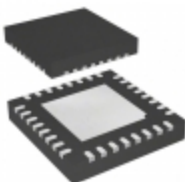
Specifications of STM32L431CCY6TR

PART NUMBER	STM32L431CCY6TR
MANUFACTURER	STMicroelectronics
DESCRIPTION	STM32 32-BIT ARM CORTEX MCUS
LEAD FREE STATUS / ROHS STATUS	
QUANTITY AVAILABLE	19858 pcs
DATA SHEET	 1.STM32L431CCY6TR.pdf  2.STM32L431CCY6TR.pdf  3.STM32L431CCY6TR.pdf  4.STM32L431CCY6TR.pdf  5.STM32L431CCY6TR.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.71 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	49-WLCSP
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	Cut Tape (CT)
PACKAGE / CASE	49-UFBGA, WLCSP
OTHER NAMES	497-17942-1
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	39
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M4 STM32L4 Microcontroller IC 32-Bit 80MHz 256KB (256K x 8) FLASH 49-WLCSP
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

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STM32L431CCY6TR		

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 STM32L431KBU6TR Manufacturers: STMicroelectronics Description: UFQFPN 5X5X0.55 32L In stock: 37578 pcs RFQ	 STM32L431CCU6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 256KB FLASH 48QFN In stock: 15964 pcs RFQ
 STM32L431CCT6TR Manufacturers: STMicroelectronics Description: LQFP 48 7X7X1.4 1 In stock: 27741 pcs RFQ	 STM32L431RBI6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 128KB FLASH 64UFBGA In stock: 19289 pcs RFQ
 STM32L431CCU6TR Manufacturers: STMicroelectronics Description: UFQFPN 7X7X0.55 48L In stock: 37588 pcs RFQ	 STM32L431CCT6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 256KB FLASH 48LQFP In stock: 15587 pcs RFQ
 STM32L431KCU6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 256KB FLASH 32QFN In stock: 21445 pcs RFQ	 STM32L431KBU3 Manufacturers: STMicroelectronics Description: UFQFPN 5X5X0.55 32L In stock: 35885 pcs RFQ
 STM32L431CBY7TR Manufacturers: STMicroelectronics Description: WLCSP 49L DIE 435 P In stock: 41943 pcs RFQ	 STM32L431CBY6TR Manufacturers: STMicroelectronics Description: IC MCU 32BIT 128KB FLASH 48CSP In stock: 43033 pcs RFQ