



STMicroelectronics



STM32L451CEU6

Part Number:	STM32L451CEU6
Manufacturer/Brand:	STMicroelectronics
Product description	IC MCU 32BIT 512KB FLASH 48UFQFP
	 1.STM32L451CEU6.pdf
	 2.STM32L451CEU6.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

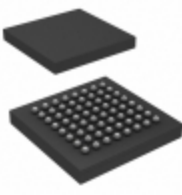
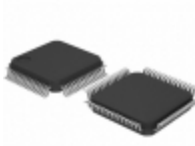
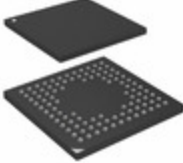
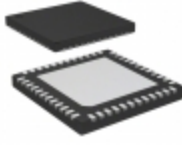
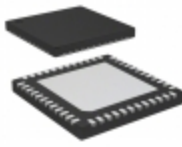
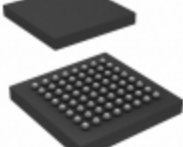
Specifications of STM32L451CEU6

PART NUMBER	STM32L451CEU6
MANUFACTURER	STMicroelectronics
DESCRIPTION	IC MCU 32BIT 512KB FLASH 48UFQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 1.STM32L451CEU6.pdf  2.STM32L451CEU6.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.71 V ~ 3.6 V
SPEED	80MHz
SERIES	STM32L4
RAM SIZE	160K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	512KB (512K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, PWM, WDT
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	38
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 512KB (512K x 8) FLASH
DATA CONVERTERS	A/D 10x12b, D/A 1x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	CANbus, I²C, IrDA, LINbus, QSPI, SAI, SPI, UART/USART

Related Tags

STMicroelectronics STM32L451CEU6	STM32L451CEU6 Distributor	STM32L451CEU6 Supplier
STM32L451CEU6 Price	STM32L451CEU6 Pictures	STM32L451CEU6 Image
STM32L451CEU6 PDF Datasheet	STM32L451CEU6 Download Datasheet	STM32L451CEU6 Datasheet
STM32L451CEU6 Stock	Buy STM32L451CEU6	Buy STMicroelectronics STM32L451CEU6
STMicroelectronics STM32L451CEU6	STMicroelectronics Supplier	STMicroelectronics Distributor
STM32L451CEU6		

Related Products

 STM32L451REI6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 512KB FLASH 64UFBGA In stock: Out stock RFQ	 STM32L451RCT6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 256KB FLASH 64LQFP In stock: 74 pcs RFQ
 STM32L451RET6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 512KB FLASH 64LQFP In stock: 85 pcs RFQ	 STM32L451RET6TR Manufacturers: STMicroelectronics Description: LQFP 64 10X10X1.4 1 In stock: Out stock RFQ
 STM32L451CCU3 Manufacturers: STMicroelectronics Description: UFQFPN 7X7X0.55 48L In stock: 91 pcs RFQ	 STM32L451CCU3TR Manufacturers: STMicroelectronics Description: UFQFPN 7X7X0.55 48L In stock: Out stock RFQ
 STM32L443VCT6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 256KB FLASH 100LQFP In stock: 704 pcs RFQ	 STM32L443VCI6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 256KB FLASH 100BGA In stock: 300 pcs RFQ
 STM32L451CCU6TR Manufacturers: STMicroelectronics Description: UFQFPN 7X7X0.55 48L In stock: Out stock RFQ	 STM32L451RCY6TR Manufacturers: STMicroelectronics Description: IC MCU 32BIT 256KB FLASH 64LQFP In stock: Out stock RFQ
 STM32L451CCU6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 256KB FLASH 48UFQFP In stock: Out stock RFQ	 STM32L451RCI6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 256KB FLASH 64UFBGA In stock: 100 pcs RFQ