



STMicroelectronics



STM32L451CCU3

Part Number:	STM32L451CCU3
Manufacturer/Brand:	STMicroelectronics
Product description	UFQFPN 7X7X0.55 48L
	 1.STM32L451CCU3.pdf
	 2.STM32L451CCU3.pdf
Datasheets:	
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

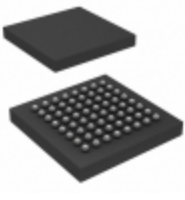
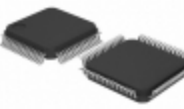
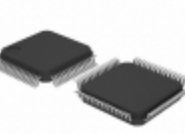
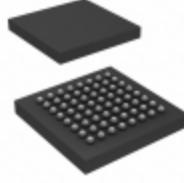
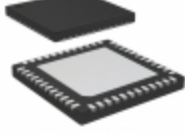
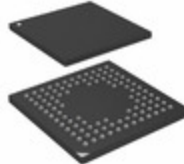
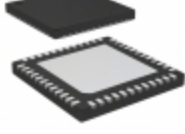
Specifications of STM32L451CCU3

PART NUMBER	STM32L451CCU3
MANUFACTURER	STMicroelectronics
DESCRIPTION	UFQFPN 7X7X0.55 48L
LEAD FREE STATUS / ROHS STATUS	
DATA SHEET	 1.STM32L451CCU3.pdf  2.STM32L451CCU3.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	256KB (256K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, PWM, WDT
OTHER NAMES	497-17972 STM32L451CCU3-ND
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 125°C (TA)
NUMBER OF I/O	38
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	12 Weeks
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M4 STM32L4 Microcontroller IC 32-Bit 80MHz 256KB (256K 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

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