



STMicroelectronics

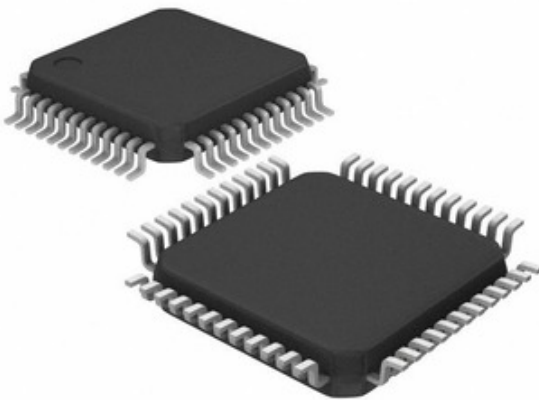


Image may be representation. See specifications for product details.

STM32L031C6T7D

Part Number:	STM32L031C6T7D
Manufacturer/Brand:	STMicroelectronics
Product description	IC MCU 32BIT 32KB FLASH 48LQFP
	1.STM32L031C6T7D.pdf
	2.STM32L031C6T7D.pdf
	3.STM32L031C6T7D.pdf
	4.STM32L031C6T7D.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

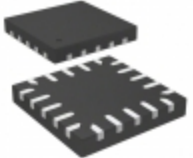
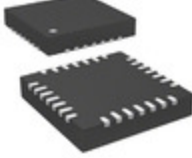
Specifications of STM32L031C6T7D

PART NUMBER	STM32L031C6T7D
MANUFACTURER	STMicroelectronics
DESCRIPTION	IC MCU 32BIT 32KB FLASH 48LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.STM32L031C6T7D.pdf 2.STM32L031C6T7D.pdf 3.STM32L031C6T7D.pdf 4.STM32L031C6T7D.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.8 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	48-LQFP (7x7)
SPEED	32MHz
SERIES	STM32L0
RAM SIZE	8K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	32KB (32K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	48-LQFP
OTHER NAMES	497-16804
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	38
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	30 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	1K x 8
DETAILED DESCRIPTION	ARM® Cortex®-M0+ STM32L0 Microcontroller IC 32-Bit 32MHz 32KB (32K x 8) FLASH 48-LQFP (7x7)
DATA CONVERTERS	A/D 10x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M0+
CONNECTIVITY	I²C, IrDA, LINbus, SPI, UART/USART

Related Tags

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 STM32L021F4U6TR Manufacturers: STMicroelectronics Description: IC MCU 32BIT 16KB FLASH 20QFPN In stock: Out stock RFQ	 STM32L031E4Y6TR Manufacturers: STMicroelectronics Description: IC MCU 32BIT 16KB FLASH 25WLCSP In stock: Out stock RFQ
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