



STM32L031F4P6

Part Number:	STM32L031F4P6
Manufacturer/Brand:	STMicroelectronics
Product description	IC MCU 32BIT 16KB FLASH 20TSSOP
	 1.STM32L031F4P6.pdf
	 2.STM32L031F4P6.pdf
	 3.STM32L031F4P6.pdf
	 4.STM32L031F4P6.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	54176 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

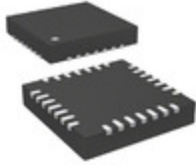
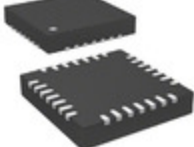
Specifications of STM32L031F4P6

PART NUMBER	STM32L031F4P6
MANUFACTURER	STMicroelectronics
DESCRIPTION	IC MCU 32BIT 16KB FLASH 20TSSOP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	54176 pcs
DATA SHEET	 1.STM32L031F4P6.pdf
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	 3.STM32L031F4P6.pdf
	 4.STM32L031F4P6.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.8 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	20-TSSOP
SPEED	32MHz
SERIES	STM32L0
RAM SIZE	8K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	16KB (16K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	20-TSSOP (0.173", 4.40mm Width)
OTHER NAMES	497-17483 STM32L031F4P6-ND
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	15
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
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 16KB (16K x 8) FLASH 20-TSSOP
DATA CONVERTERS	A/D 10x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M0+
CONNECTIVITY	I²C, IrDA, LINbus, SPI, UART/USART

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