



Image may be representation. See specifications for product details.

#### STM32F100C6T7B

Part Number:

Manufacturer/Brand: Product description

Datasheets: RoHs Status

Ship From Shipment Way STMicroelectronics

STM32F100C6T7B

IC MCU 32BIT 32KB FLASH 48LQFP

STM32F100C6T7B.pdf

Lead free / RoHS Compliant

Hong Kong

DHL/Fedex/TNT/UPS/EMS

**REQUEST FOR QUOTATION** 

	Specifications of STM32F100C6T7B
PART NUMBER	STM32F100C6T7B
MANUFACTURER	STMicroelectronics
DESCRIPTION	IC MCU 32BIT 32KB FLASH 48LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	STM32F100C6T7B.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2 V ~ 3.6 V
SPEED	24MHz
SERIES	STM32F1
RAM SIZE	4K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	32KB (32K x 8)
PERIPHERALS	DMA, PDR, POR, PVD, PWM, Temp Sensor, WDT
PACKAGING	Tray
PACKAGE / CASE	48-LQFP
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	37
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	10 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M3 STM32F1 Microcontroller IC 32-Bit 24MHz 32KB (32K x 8) FLASH
DATA CONVERTERS	A/D 10x12b; D/A 2x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M3
CONNECTIVITY	I <sup>2</sup> C, IrDA, LINbus, SPI, UART/USART
BASE PART NUMBER	STM32F100

# **Related Tags**

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Manufacturers: STMicroelectronics Description: KIT STM32F0 DISCOVERY

In stock: 287 pcs

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# **STM32F100CBT6B**

Manufacturers: STMicroelectronics Description: IC MCU 32BIT 128KB FLASH 48LQFP

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# STM32F100C6T6BTR

Manufacturers: STMicroelectronics

Description: IC MCU 32BIT 32KB FLASH 48LQFP In stock: Out stock

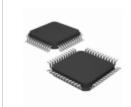
**RFQ** 

#### STM32F100C8T7BTR

Manufacturers: STMicroelectronics

Description: IC MCU 32BIT 64KB FLASH 48LQFP In stock: Out stock

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# STM32F100C8T7B

Manufacturers: STMicroelectronics Description: IC MCU 32BIT 64KB FLASH 48LQFP

In stock: Out stock

**RFQ** 



#### STM32F100C8T6BTR

Manufacturers: STMicroelectronics Description: IC MCU 32BIT 64KB FLASH 48LQFP

In stock: Out stock **RFQ** 



#### STM32F100C4T6BTR Manufacturers: STMicroelectronics

Description: IC MCU 32BIT 16KB FLASH 48LQFP In stock: Out stock

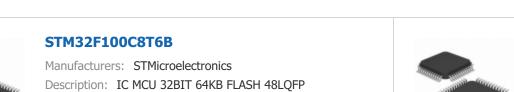
**RFQ** 



#### STM32F100CBT6BTR

Manufacturers: STMicroelectronics Description: IC MCU 32BIT 128KB FLASH 48LQFP In stock: Out stock

**RFQ** 





#### STM32F100C4T7B Manufacturers: STMicroelectronics

Description: IC MCU 32BIT 16KB FLASH 48LQFP In stock: Out stock

**RFQ** 



# **STM32F100C4T6B**

**RFQ** 

In stock: Out stock

Description: IC MCU 32BIT 16KB FLASH 48LQFP In stock: Out stock

Manufacturers: STMicroelectronics

**RFQ** 



# STM32F100C6T6B

Manufacturers: STMicroelectronics Description: IC MCU 32BIT 32KB FLASH 48LQFP

In stock: Out stock **RFQ** 



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