



Image may be representation. See specifications for product details.

#### STM32F100C4T6B

Part Number:

Manufacturer/Brand: Product description

Datasheets: RoHs Status

Ship From Shipment Way

STM32F100C4T6B.pdf Lead free / RoHS Compliant

STM32F100C4T6B

STMicroelectronics

Hong Kong DHL/Fedex/TNT/UPS/EMS

IC MCU 32BIT 16KB FLASH 48LQFP

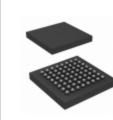
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|                                  | Specifications of STM32F100C4T6B   |  |
|----------------------------------|--|--|
|                                  |  |  |
| PART NUMBER                      | STM32F100C4T6B   |  |
| MANUFACTURER                     | STMicroelectronics   |  |
| DESCRIPTION                      | IC MCU 32BIT 16KB FLASH 48LQFP   |  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant   |  |
| DATA SHEET                       | STM32F100C4T6B.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              | 16KB (16K x 8)   |  |
| PERIPHERALS                      | DMA, PDR, POR, PVD, PWM, Temp Sensor, WDT                                    |  |
| PACKAGING                        | Tray   |  |
| PACKAGE / CASE                   | 48-LQFP  |  |
| OTHER NAMES                      | 497-10501  |  |
| OSCILLATOR TYPE                  | Internal   |  |
| OPERATING TEMPERATURE            | -40°C ~ 85°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 16KB (16K 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: IC MCU 32BIT 256KB FLASH 64WLCSP In stock: Out stock

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# STM32F100C6T6B

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

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# **STM32F098RCH6**

Manufacturers: STMicroelectronics

Description: IC MCU 32BIT 256KB FLASH 64BGA In stock: Out stock

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### STM32F100C4T6BTR

Manufacturers: STMicroelectronics

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

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# **STM32F098VCT6**

Manufacturers: STMicroelectronics

Description: IC MCU 32BIT 256KB FLASH 100LQFP In stock: Out stock

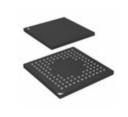
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### STM32F100C6T7B

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

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#### STM32F100C6T6BTR Manufacturers: STMicroelectronics

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

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#### **STM32F098RCT6** Manufacturers: STMicroelectronics

Description: IC MCU 32BIT 256KB FLASH 64LQFP In stock: Out stock

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

STM32F100C8T6B

In stock: Out stock

**RFQ** 



# STM32F100C4T7B

Manufacturers: STMicroelectronics Description: IC MCU 32BIT 16KB FLASH 48LQFP

**RFQ** 

In stock: Out stock













