



STM32F100C4T6B

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| Part Number: | STM32F100C4T6B |
| Manufacturer/Brand: | STMicroelectronics |
| Product description | IC MCU 32BIT 16KB FLASH 48LQFP |
| Datasheets: | PDF STM32F100C4T6B.pdf |
| RoHs Status | Lead free / RoHS Compliant |
| Ship From | Hong Kong |
| Shipment Way | DHL/Fedex/TNT/UPS/EMS |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

Specifications of STM32F100C4T6B

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| PART NUMBER | STM32F100C4T6B |
| MANUFACTURER | STMicroelectronics |
| DESCRIPTION | IC MCU 32BIT 16KB FLASH 48LQFP |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant |
| DATA SHEET | PDF 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 | I²C, IrDA, LINbus, SPI, UART/USART |
| BASE PART NUMBER | STM32F100 |

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| <p>STM32F098RCH6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 256KB FLASH 64BGA In stock: Out stock</p> <p>RFQ</p> | <p>STM32F100C4T6BTR Manufacturers: STMicroelectronics Description: IC MCU 32BIT 16KB FLASH 48LQFP In stock: Out stock</p> <p>RFQ</p> |
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