## STM32F031C6T6TR

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|---|---|
| Manufacturer Part Number: | STM32F031C6T6TR |
| Manufacturer / Brand | STMicroelectronics |
| Part of Description: | IC MCU 32BIT 32KB FLASH 48LQFP |
| Datasheets: | STM32F031C6T6TR(1).pdf |
| | STM32F031C6T6TR(2).pdf |
| | STM32F031C6T6TR(3).pdf |
| | STM32F031C6T6TR(4).pdf |
| | STM32F031C6T6TR(5).pdf |
| Lead Free Status / RoHS Status: | Lead free / RoHS Compliant |
| Stock Condition: | New original, 2400 pcs Stock Available. |
| Ship From: | Hong Kong |
| Shipment Way: | DHL/Fedex/TNT/UPS |

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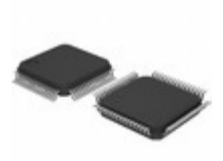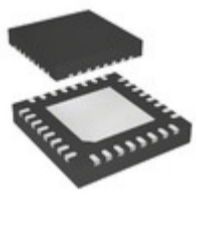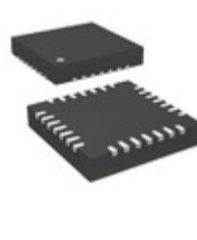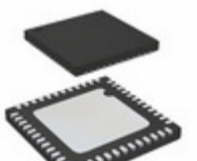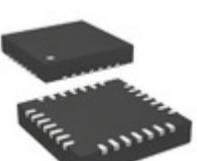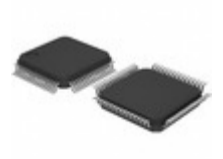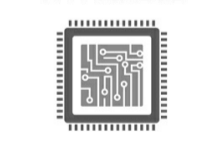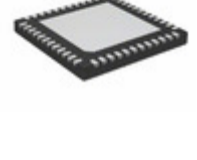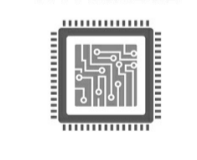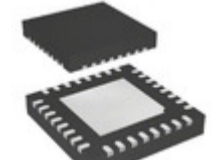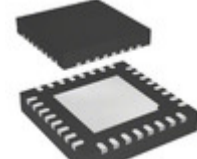
## The specifications of STM32F031C6T6TR

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|---|---|---|---|
| Part Number | STM32F031C6T6TR | Manufacturer / Brand | STMicroelectronics |
| Series | STM32F0 | Moisture Sensitivity Level (MSL) | 3 (168 Hours) |
| Base Part Number | STM32F050 | Package / Case | 48-LQFP |
| Packaging | Tape & Reel (TR) | Supplier Device Package | 48-LQFP (7x7) |
| Operating Temperature | -40°C ~ 85°C (TA) | Detailed Description | ARM® Cortex®-M0 STM32F0 Microcontroller IC 32-Bit 48MHz 32KB (32K x 8) FLASH 48-LQFP (7x7) |
| Peripherals | DMA, I²S, POR, PWM, WDT | Core Processor | ARM® Cortex®-M0 |
| Speed | 48MHz | Number of I/O | 39 |
| EEPROM Size | - | RAM Size | 4K x 8 |
| Core Size | 32-Bit | Connectivity | I²C, IrDA, LINbus, SPI, UART/USART |
| Program Memory Size | 32KB (32K x 8) | Program Memory Type | FLASH |
| Voltage - Supply (Vcc/Vdd) | 2 V ~ 3.6 V | Data Converters | A/D 13x12b |
| Oscillator Type | Internal | Other Names | STM32F031C6T6TRTR STM32F050C6T6TR STM32F050C6T6TR-ND |
| Stock Quantity | 2400 pcs Stock | Category | Integrated Circuits (ICs) > Embedded - Microcontrollers |
| Description | IC MCU 32BIT 32KB FLASH 48LQFP | Lead Free Status / RoHS Status | Lead free / RoHS Compliant |

## Keywords realted to STM32F031C6T6TR

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|---|---|---|---|
| STMicroelectronics STM32F031C6T6TR | STM32F031C6T6TR part | STM32F031C6T6TR Price | STM32F031C6T6TR Distributor |
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**Manufacturers:** STMicroelectronics
**In Stock:** New original, 20000 pcs Stock Available.
Quote: RFQ

### STM32F030CCT6TR
**Description:** IC MCU 32BIT 256KB FLASH 48LQFP
**Manufacturers:** Storm Interface
**In Stock:** New original, 1400 pcs Stock Available.
Quote: RFQ

### STM32F030C8T6
**Description:** IC MCU 32BIT 64KB FLASH 48LQFP
**Manufacturers:** STMicroelectronics
**In Stock:** New original, 3400 pcs Stock Available.
Quote: RFQ

### STM32F042C6T6
**Description:** IC MCU 32BIT 32KB FLASH 48LQFP
**Manufacturers:** STMicroelectronics
**In Stock:** New original, 800 pcs Stock Available.
Quote: RFQ

### STM32F051C4T6
**Description:** IC MCU 32BIT 16KB FLASH 48LQFP
**Manufacturers:** STMicroelectronics
**In Stock:** New original, 100 pcs Stock Available.
Quote: RFQ

### STM32F030C6T6
**Description:** IC MCU 32BIT 32KB FLASH 48LQFP
**Manufacturers:** STMicroelectronics
**In Stock:** New original, 29000 pcs Stock Available.
Quote: RFQ

### STM3220G-EVAL
**Description:** BOARD EVAL STM32 ARM 32BIT MCU
**Manufacturers:** STMicroelectronics
**In Stock:** New original, 100 pcs Stock Available.
Quote: RFQ

### STM32F031K4U6
**Description:** IC MCU 32BIT 16KB FLASH 32UFQFN
**Manufacturers:** STMicroelectronics
**In Stock:** New original, 800 pcs Stock Available.
Quote: RFQ

### STM32F031G6U6
**Description:** IC MCU 32BIT 32KB FLASH 28UFQFN
**Manufacturers:** STMicroelectronics
**In Stock:** New original, 1000 pcs Stock Available.
Quote: RFQ

### STM32F051C8T6
**Description:** IC MCU 32BIT 64KB FLASH 48LQFP
**Manufacturers:** STMicroelectronics
**In Stock:** New original, 28000 pcs Stock Available.
Quote: RFQ

### STM32F042C6U6
**Description:** IC MCU 32BIT 32KB FLASH 48UFQFPN
**Manufacturers:** STMicroelectronics
**In Stock:** New original, 100 pcs Stock Available.
Quote: RFQ

### STM32F031C6T6
**Description:** IC MCU 32BIT 32KB FLASH 48LQFP
**Manufacturers:** STMicroelectronics
**In Stock:** New original, 4800 pcs Stock Available.
Quote: RFQ

### STM32F030CCT6
**Description:** IC MCU 32BIT 256KB FLASH 48LQFP
**Manufacturers:** STMicroelectronics
**In Stock:** New original, 8300 pcs Stock Available.
Quote: RFQ

### STM32F031G4U6
**Description:** IC MCU 32BIT 16KB FLASH 28UFQFPN
**Manufacturers:** STMicroelectronics
**In Stock:** New original, 5600 pcs Stock Available.
Quote: RFQ

### STM32F030C8T6TR
**Description:** IC MCU 32BIT 64KB FLASH 48LQFP
**Manufacturers:** STMicroelectronics
**In Stock:** New original, 24000 pcs Stock Available.
Quote: RFQ

### STM32F030R8T6
**Description:** IC MCU 32BIT 64KB FLASH 64LQFP
**Manufacturers:** Storm Interface
**In Stock:** New original, 1000 pcs Stock Available.
Quote: RFQ

### STM32F031F4P6TR
**Description:** IC MCU 32BIT 16KB FLASH 20TSSOP
**Manufacturers:** STMicroelectronics
**In Stock:** New original, 7000 pcs Stock Available.
Quote: RFQ

### STM32F030C6T6TR
**Description:** IC MCU 32BIT 32KB FLASH 48LQFP
**Manufacturers:** Storm Interface
**In Stock:** New original, 30000 pcs Stock Available.
Quote: RFQ

### STM320L051C8T6
**Description:** STM320L051C8T6 ST TQFP48
**Manufacturers:** ST
**In Stock:** New original, 100 pcs Stock Available.
Quote: RFQ

### STM32F051C8U6
**Description:** IC MCU 32BIT 64KB FLASH 48UFQFPN
**Manufacturers:** STMicroelectronics
**In Stock:** New original, 3600 pcs Stock Available.
Quote: RFQ

### STM32F051K86
**Description:** STM32F051K86 ST QFN
**Manufacturers:** ST
**In Stock:** New original, 100 pcs Stock Available.
Quote: RFQ

### STM32F051K6U6
**Description:** IC MCU 32BIT 32KB FLASH 32UFQFPN
**Manufacturers:** STMicroelectronics
**In Stock:** New original, 1500 pcs Stock Available.
Quote: RFQ

### STM32F050C6T6A
**Description:** IC MCU 32BIT 32KB FLASH 48LQFP
**Manufacturers:** STMicroelectronics
**In Stock:** New original, 400 pcs Stock Available.
Quote: RFQ

### STM32F031F6P6
**Description:** IC MCU 32BIT 32KB FLASH 20TSSOP
**Manufacturers:** STMicroelectronics
**In Stock:** New original, 6000 pcs Stock Available.
Quote: RFQ

### STM32F030K6T6
**Description:** IC MCU 32BIT 32KB FLASH 32LQFP
**Manufacturers:** STMicroelectronics
**In Stock:** New original, 30000 pcs Stock Available.
Quote: RFQ

### STM32F031F4P7
**Description:** IC MCU 32BIT 16KB FLASH 20TSSOP
**Manufacturers:** STMicroelectronics
**In Stock:** New original, 200 pcs Stock Available.
Quote: RFQ

### STM32F030F4P6
**Description:** IC MCU 32BIT 16KB FLASH 20TSSOP
**Manufacturers:** STMicroelectronics
**In Stock:** New original, 29600 pcs Stock Available.
Quote: RFQ

### STM32F030F4P
**Description:** STM32F030F4P ST TSSOP
**Manufacturers:** ST
**In Stock:** New original, 100 pcs Stock Available.
Quote: RFQ

### STM3210B-PRIMER
**Description:** KIT EVALUATION FOR STM32
**Manufacturers:** STMicroelectronics
**In Stock:** New original, 100 pcs Stock Available.
Quote: RFQ

### STM32F050K4U6A
**Description:** IC MCU 32BIT 16KB FLASH 32UFQFPN
**Manufacturers:** STMicroelectronics
**In Stock:** New original, 3000 pcs Stock Available.
Quote: RFQ

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