# STM32F042C6T7

## STM32F042C6T7 Information

For Reference Only

| | |
|---|---|
| **Part Number** | STM32F042C6T7 |
| **Manufacturer** | STMicroelectronics |
| **Category** | Integrated Circuits (ICs)<br>Embedded - Microcontrollers |
| **Description** | 16/32-BITS MICROS |
| **Package** | 48-LQFP |

For the pricing/inventory/lead time, please contact us
Website: https://www.heisener.com
E-mail: salesdept@heisener.com

Request a Quote

## Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.

## STM32F042C6T7 Specifications

| | |
|---|---|
| Manufacturer Part Number | STM32F042C6T7 |
| Manufacturer | STMicroelectronics |
| Category | Integrated Circuits (ICs) |
| | Embedded - Microcontrollers |
| Package | 48-LQFP |
| Series | STM32F0 |
| Core Processor | ARM® Cortex®-M0 |
| Core Size | 32-Bit |
| Speed | 48MHz |
| Connectivity | CANbus, HDMI-CEC, I²C, IrDA, LINbus, SPI, UART/USART, USB |
| Peripherals | DMA, I²S, POR, PWM, WDT |
| Number of I/O | 38 |
| Program Memory Size | 32KB (32K x 8) |
| Program Memory Type | FLASH |
| EEPROM Size | - |
| RAM Size | 6K x 8 |
| Voltage - Supply (Vcc/Vdd) | 1.65V ~ 3.6V |
| Data Converters | A/D 13x12b |
| Oscillator Type | Internal |
| Operating Temperature | -40°C ~ 105°C (TA) |
| Mounting Type | Surface Mount |
| Package / Case | 48-LQFP |
| Supplier Device Package | 48-LQFP (7x7) |
| | Report errors? |

## STM32F042C6T7 Guarantees

**Quality Guarantees**
We provide 90 days warranty. *
If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.

**Service Guarantees**
We guarantee 100% customer satisfaction.
Our experienced sales team and tech support team back our services to satisfy all our customers.

## STM32F042C6T7 Payment Methods

## STM32F042C6T7 Shipping Methods

If you have any question about STM32F042C6T7, please do not hesitate to contact us!
Website: https://www.heisener.com
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