

STM32F042C6U6 Information


For Reference Only

Part Number [STM32F042C6U6](#)
Manufacturer STMicroelectronics
Category Integrated Circuits (ICs)
[Embedded - Microcontrollers](#)
Description IC MCU 32BIT 32KB FLASH 48UFQFN
Package 48-UFQFN Exposed Pad
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: salesdept@heisener.com


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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.


STM32F042C6U6 Specifications

| | |
|----------------------------|--|
| Manufacturer Part Number | STM32F042C6U6 |
| Manufacturer | STMicroelectronics |
| Category | Integrated Circuits (ICs) Embedded - Microcontrollers |
| Package | 48-UFQFN Exposed Pad |
| Series | STM32 F0 |
| Core Processor | ARM? Cortex?-M0 |
| Core Size | 32-Bit |
| Speed | 48MHz |
| Connectivity | CAN, HDMI-CEC, I2C, IrDA, LIN, 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) | 1.65 V ~ 3.6 V |
| Data Converters | A/D 13x12b |
| Oscillator Type | Internal |
| Operating Temperature | -40°C ~ 85°C (TA) |
| Mounting Type | - |
| Package / Case | 48-UFQFN Exposed Pad |
| Supplier Device Package | 48-UFQFPN (7x7) |

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STM32F042C6U6 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.

STM32F042C6U6 Payment Methods



STM32F042C6U6 Shipping Methods



If you have any question about STM32F042C6U6, please do not hesitate to contact us!

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