

**STM32F042K6U6 Information**


For Reference Only

**Part Number** [STM32F042K6U6](#)  
**Manufacturer** STMicroelectronics  
**Category** Integrated Circuits (ICs)  
[Embedded - Microcontrollers](#)  
**Description** IC MCU 32BIT 32KB FLASH 32UFQFPN  
**Package** 32-UFQFN Exposed Pad  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto: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.


**STM32F042K6U6 Specifications**

|                            |  |
|----------------------------|--|
| Manufacturer Part Number   | <a href="#">STM32F042K6U6</a>  |
| Manufacturer               | STMicroelectronics   |
| Category                   | Integrated Circuits (ICs)<br><a href="#">Embedded - Microcontrollers</a> |
| Package                    | 32-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              | 26   |
| 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             | 32-UFQFN Exposed Pad   |
| Supplier Device Package    | 32-UFQFPN (5x5)  |

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## STM32F042K6U6 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.

## STM32F042K6U6 Payment Methods



## STM32F042K6U6 Shipping Methods



If you have any question about STM32F042K6U6, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)