## STM32F103T8U7 Information

For Reference Only

| | |
|---|---|
| Part Number | STM32F103T8U7 |
| Manufacturer | STMicroelectronics |
| Category | Integrated Circuits (ICs) |
| | Embedded - Microcontrollers |
| Description | IC MCU 32BIT 64KB FLASH 36VFQFPN |
| Package | 36-VFQFN Exposed Pad |

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.

## STM32F103T8U7 Specifications

| | |
|---|---|
| Manufacturer Part Number | STM32F103T8U7 |
| Manufacturer | STMicroelectronics |
| Category | Integrated Circuits (ICs) |
| | Embedded - Microcontrollers |
| Package | 36-VFQFN Exposed Pad |
| Series | STM32 F1 |
| Core Processor | ARM? Cortex?-M3 |
| Core Size | 32-Bit |
| Speed | 72MHz |
| Connectivity | CAN, I2C, IrDA, LIN, SPI, UART/USART, USB |
| Peripherals | DMA, Motor Control PWM, PDR, POR, PVD, PWM, Temp Sensor, WDT |
| Number of I/O | 26 |
| Program Memory Size | 64KB (64K x 8) |
| Program Memory Type | FLASH |
| EEPROM Size | - |
| RAM Size | 20K x 8 |
| Voltage - Supply (Vcc/Vdd) | 2 V ~ 3.6 V |
| Data Converters | A/D 10x12b |
| Oscillator Type | Internal |
| Operating Temperature | -40°C ~ 105°C (TA) |
| Mounting Type | - |
| Package / Case | 36-VFQFN Exposed Pad |
| Supplier Device Package | 36-VFQFPN (6x6) |

Report errors?

## STM32F103T8U7 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.

## STM32F103T8U7 Payment Methods

## STM32F103T8U7 Shipping Methods

If you have any question about STM32F103T8U7, please do not hesitate to contact us!
Website: https://www.heisener.com
E-mail: salesdept@heisener.com