

# STM32F767VIT6

#### STM32F767VIT6 Information

| www.beimper.com    | Part Number<br>Manufacturer<br>Category<br>Description<br>Package | STM32F767VIT6<br>STMicroelectronics<br>Integrated Circuits (ICs)<br>Embedded - Microcontrollers<br>IC MCU 32BIT 2MB FLASH 100LQFP<br>100-LQFP<br>For the pricing/inventory/lead time, please contact<br>us |                 |
|--------------------|---|--|-----------------|
| For Reference Only |   | Website: https://www.heisener.com<br>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.

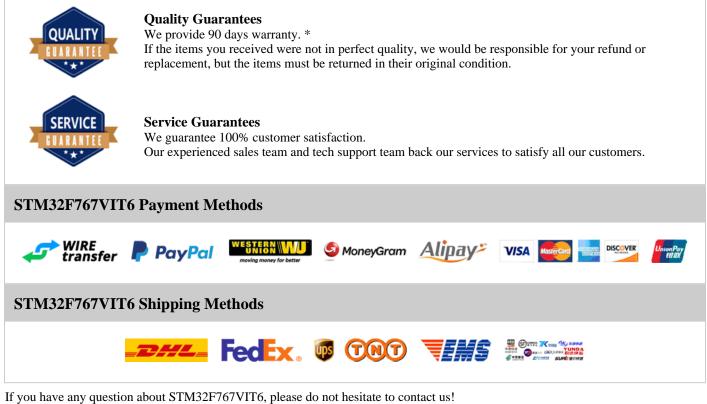


## STM32F767VIT6 Specifications

| Manufacturer Part<br>Number    | STM32F767VIT6  |  |  |  |
|--------------------------------|--|--|--|--|
| Manufacturer                   | STMicroelectronics   |  |  |  |
| Category                       | Integrated Circuits (ICs)  |  |  |  |
|                                | Embedded - Microcontrollers  |  |  |  |
| Package                        | 100-LQFP   |  |  |  |
| Series                         | STM32 F7   |  |  |  |
| Core Processor                 | ARM? Cortex?-M7  |  |  |  |
| Core Size                      | 32-Bit   |  |  |  |
| Speed                          | 216MHz   |  |  |  |
| Connectivity                   | CAN, EBI/EMI, Ethernet, I2C, IrDA, LIN, MMC/SD/SDIO, QSPI, SAI, SPDIF, SPI, UART /USART, USB OTG |  |  |  |
| Peripherals                    | Brown-out Detect/Reset, DMA, I2S, LCD, POR, PWM, WDT   |  |  |  |
| Number of I/O                  | 82   |  |  |  |
| Program Memory Size            | 2MB (2M x 8)   |  |  |  |
| Program Memory Type            | FLASH  |  |  |  |
| EEPROM Size                    | -  |  |  |  |
| RAM Size                       | 512K x 8   |  |  |  |
| Voltage - Supply (Vcc<br>/Vdd) | 1.7 V ~ 3.6 V  |  |  |  |
| Data Converters                | A/D 16x12b, D/A 2x12b  |  |  |  |
| Oscillator Type                | Internal   |  |  |  |
| Operating Temperature          | -40°C ~ 85°C (TA)  |  |  |  |
| Mounting Type                  | -  |  |  |  |
| Package / Case                 | 100-LQFP   |  |  |  |
|                                |  |  |  |  |

#### Report errors?

#### STM32F767VIT6 Guarantees



Website: https://www.heisener.com E-mail: salesdept@heisener.com