

# STM32F765IIK7

### STM32F765IIK7 Information

| Heisener.com       | Part Number<br>Manufacturer<br>Category<br>Description<br>Package | STM32F765IIK7<br>STMicroelectronics<br>Integrated Circuits (ICs)<br>Embedded - Microcontrollers<br>IC MCU 32BIT 2MB FLASH 176BGA<br>-<br>For the pricing/inventory/lead time, please contact |                 |
|--------------------|---|--|-----------------|
| For Reference Only |   | us<br>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.

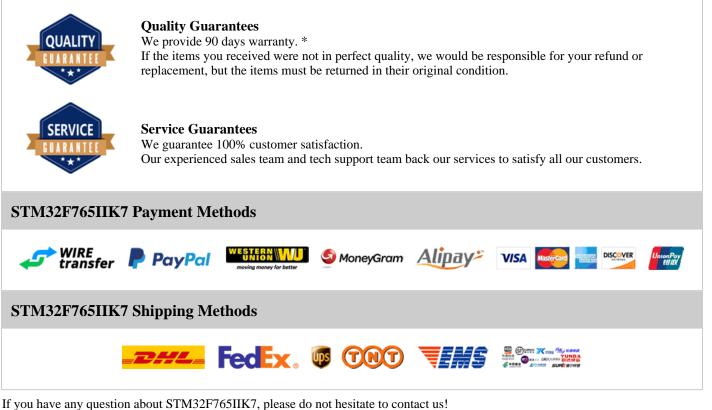


## STM32F765IIK7 Specifications

| Manufacturer Part<br>Number    | STM32F765IIK7  |  |  |
|--------------------------------|--|--|--|
| Manufacturer                   | STMicroelectronics   |  |  |
| Category                       | Integrated Circuits (ICs)  |  |  |
|                                | Embedded - Microcontrollers  |  |  |
| Package                        | -  |  |  |
| 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, POR, PWM, WDT  |  |  |
| Number of I/O                  | 140  |  |  |
| 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 24x12b, A/D 2x12b  |  |  |
| Oscillator Type                | Internal   |  |  |
| Operating Temperature          | -40°C ~ 105°C (TA)   |  |  |
| Mounting Type                  | -  |  |  |
| Package / Case                 | -  |  |  |
|                                |  |  |  |

### STM32F765IIK7 Guarantees

Report errors?



If you have any question about STM32F765IIK7, please do not hesitate to contact us Website: https://www.heisener.com E-mail: salesdept@heisener.com