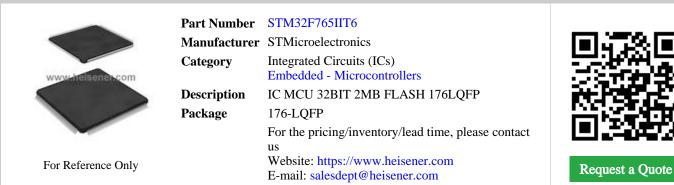


# STM32F765IIT6

## STM32F765IIT6 Information



# **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.

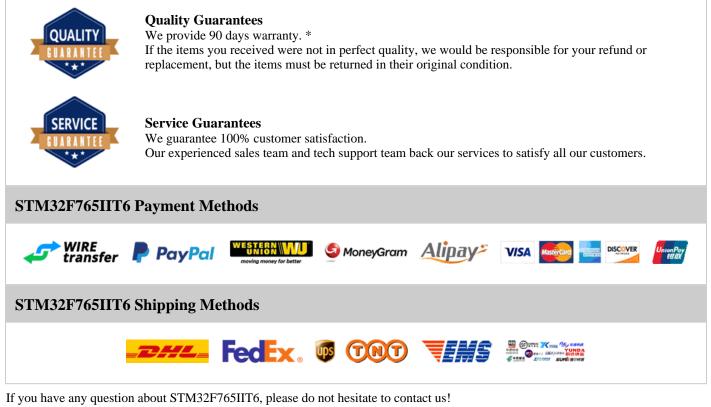


# STM32F765IIT6 Specifications

Manufacturer Part Number	STM32F765IIT6
Manufacturer	STMicroelectronics
Category	Integrated Circuits (ICs)
	Embedded - Microcontrollers
Package	176-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, 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 /Vdd)	1.7 V ~ 3.6 V
Data Converters	A/D 24x12b, A/D 2x12b
Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)
Mounting Type	-
Package / Case	176-LQFP

#### Report errors?

## STM32F765IIT6 Guarantees



Website: https://www.heisener.com

E-mail: salesdept@heisener.com