



### STM32F427IGT6 Information



For Reference Only

Part Number STM32F427IGT6

Manufacturer STMicroelectronics

Category Integrated Circuits (ICs)
Embedded - Microcontrollers

**Description** IC MCU 32BIT 1MB FLASH 176LQFP

Package 176-LQFP

For the pricing/inventory/lead time, please contact

us

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









# STM32F427IGT6 Specifications

Manufacturer Part Number	STM32F427IGT6	
Manufacturer	STMicroelectronics	
Category	Integrated Circuits (ICs)	
	Embedded - Microcontrollers	
Package	176-LQFP	
Series	STM32 F4	
Core Processor	ARM? Cortex?-M4	
Core Size	32-Bit	
Speed	180MHz	
Connectivity	CAN, EBI/EMI, I2C, IrDA, LIN, SPI, UART/USART, USB OTG	
Peripherals	Brown-out Detect/Reset, DMA, I2S, POR, PWM, WDT	
Number of I/O	140	
Program Memory Size	1MB (1M x 8)	
Program Memory Type	FLASH	
EEPROM Size	-	
RAM Size	256K x 8	
Voltage - Supply (Vcc/Vdd)	1.8 V ~ 3.6 V	
Data Converters	A/D 24x12b, D/A 2x12b	
Oscillator Type	Internal	
Operating Temperature	-40°C ~ 85°C (TA)	
Mounting Type	-	
Package / Case	176-LQFP	
Supplier Device Package	176-LQFP (24x24)	
		Report errors?

#### STM32F427IGT6 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.

# STM32F427IGT6 Payment Methods





















### STM32F427IGT6 Shipping Methods













If you have any question about STM32F427IGT6, please do not hesitate to contact us!

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