

STM32F407IEH7 Information


For Reference Only

Part Number [STM32F407IEH7](#)
Manufacturer STMicroelectronics
Category Integrated Circuits (ICs)
[Embedded - Microcontrollers](#)
Description IC MCU 32BIT 512KB FLASH 176BGA
Package 176-UFBGA
 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.


STM32F407IEH7 Specifications

Manufacturer Part Number	STM32F407IEH7
Manufacturer	STMicroelectronics
Category	Integrated Circuits (ICs) Embedded - Microcontrollers
Package	176-UFBGA
Series	STM32 F4
Core Processor	ARM? Cortex?-M4
Core Size	32-Bit
Speed	168MHz
Connectivity	CAN, DCMI, EBI/EMI, Ethernet, I2C, IrDA, LIN, SPI, UART/USART, USB OTG
Peripherals	Brown-out Detect/Reset, DMA, I2S, LCD, POR, PWM, WDT
Number of I/O	140
Program Memory Size	512KB (512K x 8)
Program Memory Type	FLASH
EEPROM Size	-
RAM Size	192K 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 ~ 105°C (TA)
Mounting Type	-
Package / Case	176-UFBGA
Supplier Device Package	176-UFBGA (10x10)

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STM32F407IEH7 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.

STM32F407IEH7 Payment Methods



STM32F407IEH7 Shipping Methods



If you have any question about STM32F407IEH7, please do not hesitate to contact us!

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