

**STM32F446ZCH6 Information**


For Reference Only

**Part Number** [STM32F446ZCH6](#)  
**Manufacturer** STMicroelectronics  
**Category** Integrated Circuits (ICs)  
[Embedded - Microcontrollers](#)  
**Description** IC MCU 32BIT 256KB FLASH 144BGA  
**Package** 144-UFBGA  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto: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.


**STM32F446ZCH6 Specifications**

Manufacturer Part Number	<a href="#">STM32F446ZCH6</a>
Manufacturer	STMicroelectronics
Category	Integrated Circuits (ICs) <a href="#">Embedded - Microcontrollers</a>
Package	144-UFBGA
Series	STM32 F4
Core Processor	ARM? Cortex?-M4
Core Size	32-Bit
Speed	180MHz
Connectivity	CAN, EBI/EMI, I2C, IrDA, LIN, SAI, SD, SPDIF-Rx, SPI, UART/USART, USB, USB OTG
Peripherals	Brown-out Detect/Reset, DMA, I2S, LVD, POR, PWM, WDT
Number of I/O	114
Program Memory Size	256KB (256K x 8)
Program Memory Type	FLASH
EEPROM Size	-
RAM Size	128K 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	144-UFBGA
Supplier Device Package	-

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## STM32F446ZCH6 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.

## STM32F446ZCH6 Payment Methods



## STM32F446ZCH6 Shipping Methods



If you have any question about STM32F446ZCH6, please do not hesitate to contact us!

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