

**STM32F423ZHT3 Information**


For Reference Only

**Part Number** [STM32F423ZHT3](#)  
**Manufacturer** STMicroelectronics  
**Category** Integrated Circuits (ICs)  
[Embedded - Microcontrollers](#)  
**Description** IC MCU 32BIT 1.5MB FLASH 144LQFP  
**Package** -  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto: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.


**STM32F423ZHT3 Specifications**

|                            |   |
|----------------------------|---|
| Manufacturer Part Number   | <a href="#">STM32F423ZHT3</a>   |
| Manufacturer               | STMicroelectronics  |
| Category                   | Integrated Circuits (ICs)<br><a href="#">Embedded - Microcontrollers</a>  |
| Package                    | -   |
| Series                     | STM32 F4  |
| Core Processor             | ARM? Cortex?-M4   |
| Core Size                  | 32-Bit  |
| Speed                      | 100MHz  |
| Connectivity               | CAN, EBI/EMI, I2C, IrDA, LIN, MMC/SD, QSPI, SAI, SPI, UART/USART, USB OTG |
| Peripherals                | Brown-out Detect/Reset, DMA, I2S, LCD, POR, PWM, WDT                      |
| Number of I/O              | 114   |
| Program Memory Size        | 1.5MB (1.5M x 8)  |
| Program Memory Type        | FLASH   |
| EEPROM Size                | -   |
| RAM Size                   | 320K x 8  |
| Voltage - Supply (Vcc/Vdd) | 1.7 V ~ 3.6 V   |
| Data Converters            | A/D 16x12b, D/A 2x12b   |
| Oscillator Type            | Internal  |
| Operating Temperature      | -40°C ~ 125°C (TA)  |
| Mounting Type              | -   |
| Package / Case             | -   |
| Supplier Device Package    | -   |

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## STM32F423ZHT3 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.

## STM32F423ZHT3 Payment Methods



## STM32F423ZHT3 Shipping Methods



If you have any question about STM32F423ZHT3, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)