

**STM32F429VIT6 Information**


For Reference Only

**Part Number** [STM32F429VIT6](#)  
**Manufacturer** STMicroelectronics  
**Category** Integrated Circuits (ICs)  
[Embedded - Microcontrollers](#)  
**Description** IC MCU 32BIT 2MB FLASH 100LQFP  
**Package** 100-LQFP  
 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.


**STM32F429VIT6 Specifications**

|                            |                                                                          |
|----------------------------|--------------------------------------------------------------------------|
| Manufacturer Part Number   | <a href="#">STM32F429VIT6</a>                                            |
| Manufacturer               | STMicroelectronics                                                       |
| Category                   | Integrated Circuits (ICs)<br><a href="#">Embedded - Microcontrollers</a> |
| Package                    | 100-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, LCD, POR, PWM, WDT                     |
| Number of I/O              | 82                                                                       |
| Program Memory Size        | 2MB (2M 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 16x12b, D/A 2x12b                                                    |
| Oscillator Type            | Internal                                                                 |
| Operating Temperature      | -40°C ~ 85°C (TA)                                                        |
| Mounting Type              | -                                                                        |
| Package / Case             | 100-LQFP                                                                 |
| Supplier Device Package    | 100-LQFP (14x14)                                                         |

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## STM32F429VIT6 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.

## STM32F429VIT6 Payment Methods



## STM32F429VIT6 Shipping Methods



If you have any question about STM32F429VIT6, please do not hesitate to contact us!

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

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