



### STM32F412VEH6 Information

Heisener.com

Part Number STM32F412VEH6

Manufacturer STMicroelectronics

Category Integrated Circuits (ICs)
Embedded - Microcontrollers

**Description** IC MCU 32BIT 512KB FLASH 100BGA

Package -

For the pricing/inventory/lead time, please contact

us

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



Request a Quote

## **Certified Quality**

For Reference Only

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.









# STM32F412VEH6 Specifications

| Manufacturer Part Number   | STM32F412VEH6  |
|----------------------------|--|
| Manufacturer               | STMicroelectronics   |
| Category                   | Integrated Circuits (ICs)  |
|                            | Embedded - Microcontrollers  |
| Package                    | -  |
| Series                     | STM32 F4   |
| Core Processor             | ARM? Cortex?-M4  |
| Core Size                  | 32-Bit   |
| Speed                      | 100MHz   |
| Connectivity               | CAN, EBI/EMI, Ethernet, I2C, IrDA, LIN, SAI, SDIO, SPI, UART/USART, USB, USB OTG |
| Peripherals                | Brown-out Detect/Reset, DMA, I2S, LCD, POR, PWM, WDT                             |
| Number of I/O              | 81   |
| Program Memory Size        | 512KB (512K x 8)   |
| Program Memory Type        | FLASH  |
| EEPROM Size                | -  |
| RAM Size                   | 256K x 8   |
| Voltage - Supply (Vcc/Vdd) | 1.7 V ~ 3.6 V  |
| Data Converters            | A/D 16x12b   |
| Oscillator Type            | Internal   |
| Operating Temperature      | -40°C ~ 85°C (TA)  |
| Mounting Type              | -  |
| Package / Case             | -  |
| Supplier Device Package    | -  |
|                            | Report errors?   |

#### STM32F412VEH6 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.

## STM32F412VEH6 Payment Methods



















## STM32F412VEH6 Shipping Methods













If you have any question about STM32F412VEH6, please do not hesitate to contact us!

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