

**STM32F412VEH3TR Information**


For Reference Only

**Part Number** [STM32F412VEH3TR](#)  
**Manufacturer** STMicroelectronics  
**Category** Integrated Circuits (ICs)  
[Embedded - Microcontrollers](#)  
**Description** UFBGA 7X7X0.60 100L  
**Package** 100-UFBGA  
 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.


**STM32F412VEH3TR Specifications**

|  |   |
|--|---|
| Manufacturer Part Number                             | <a href="#">STM32F412VEH3TR</a>   |
| Manufacturer   | STMicroelectronics  |
| Category   | Integrated Circuits (ICs)<br><a href="#">Embedded - Microcontrollers</a>                          |
| Package  | 100-UFBGA   |
| Series   | STM32F4   |
| Core Processor                                       | ARM® Cortex®-M4   |
| Core Size  | 32-Bit  |
| Speed  | 100MHz  |
| Connectivity   | CANbus, EBI/EMI, I <sup>2</sup> C, IrDA, LINbus, MMC/SD/SDIO, QSPI, SPI, UART/USART, USB, USB OTG |
| Peripherals  | Brown-out Detect/Reset, DMA, I <sup>2</sup> S, 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 (V <sub>cc</sub> /V <sub>dd</sub> ) | 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                                       | 100-UFBGA   |
| Supplier Device Package                              | 100-UFBGA (7x7)   |

## STM32F412VEH3TR 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.

## STM32F412VEH3TR Payment Methods



## STM32F412VEH3TR Shipping Methods



If you have any question about STM32F412VEH3TR, please do not hesitate to contact us!

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