## STM32F412VGT6TR Information

| | | |
|---|---|---|
| **Part Number** | STM32F412VGT6TR | |
| **Manufacturer** | STMicroelectronics | |
| **Category** | Integrated Circuits (ICs) Embedded - Microcontrollers | |
| **Description** | IC MCU 32BIT 1MB FLASH 100LQFP | |
| **Package** | - | |

For Reference Only

For the pricing/inventory/lead time, please contact us
Website: https://www.heisener.com
E-mail: 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.

## STM32F412VGT6TR Specifications

| Manufacturer Part Number | STM32F412VGT6TR |
|---|---|
| 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 | 1MB (1M 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?

## STM32F412VGT6TR 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.

## STM32F412VGT6TR Payment Methods

## STM32F412VGT6TR Shipping Methods

If you have any question about STM32F412VGT6TR, please do not hesitate to contact us!

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