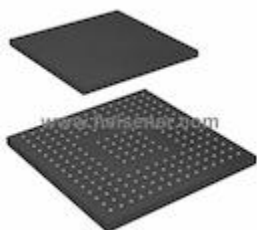


STM32F427IGH7 Information


For Reference Only

Part Number [STM32F427IGH7](#)
Manufacturer STMicroelectronics
Category Integrated Circuits (ICs)
[Embedded - Microcontrollers](#)
Description UFBGA 10X10X0.6 176+
Package 201-UFBGA
 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.


STM32F427IGH7 Specifications

| | |
|----------------------------|--|
| Manufacturer Part Number | STM32F427IGH7 |
| Manufacturer | STMicroelectronics |
| Category | Integrated Circuits (ICs) Embedded - Microcontrollers |
| Package | 201-UFBGA |
| Series | STM32F4 |
| Core Processor | ARM® Cortex®-M4 |
| Core Size | 32-Bit |
| Speed | 180MHz |
| Connectivity | CANbus, EBI/EMI, Ethernet, I²C, IrDA, LINbus, SPI, UART/USART, USB OTG |
| Peripherals | Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT |
| Number of I/O | 140 |
| Program Memory Size | 1MB (1M 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 24x12b, D/A 2x12b |
| Oscillator Type | Internal |
| Operating Temperature | -40°C ~ 105°C (TA) |
| Mounting Type | - |
| Package / Case | 201-UFBGA |
| Supplier Device Package | 176+25UFBGA (10x10) |

[Report errors?](#)

STM32F427IGH7 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.

STM32F427IGH7 Payment Methods



STM32F427IGH7 Shipping Methods



If you have any question about STM32F427IGH7, please do not hesitate to contact us!

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

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