

**ST10F296 Information**


For Reference Only

**Part Number** [ST10F296](#)  
**Manufacturer** STMicroelectronics  
**Category** Integrated Circuits (ICs)  
[Embedded - Microcontrollers](#)  
**Description** IC MCU 16BIT 832KB FLASH 208PBG  
**Package** 208-PBGA  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto: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.


**ST10F296 Specifications**

|                            |  |
|----------------------------|--|
| Manufacturer Part Number   | <a href="#">ST10F296</a>   |
| Manufacturer               | STMicroelectronics   |
| Category                   | Integrated Circuits (ICs)<br><a href="#">Embedded - Microcontrollers</a> |
| Package                    | 208-PBGA   |
| Series                     | ST10   |
| Core Processor             | ST10   |
| Core Size                  | 16-Bit   |
| Speed                      | 64MHz  |
| Connectivity               | ASC, CAN, EBI/EMI, I2C, SSC, UART/USART                                  |
| Peripherals                | POR, PWM, WDT  |
| Number of I/O              | 143  |
| Program Memory Size        | 832KB (832K x 8)   |
| Program Memory Type        | FLASH  |
| EEPROM Size                | -  |
| RAM Size                   | 68K x 8  |
| Voltage - Supply (Vcc/Vdd) | 4.5 V ~ 5.5 V  |
| Data Converters            | A/D 32x10b   |
| Oscillator Type            | Internal   |
| Operating Temperature      | -40°C ~ 125°C (TA)   |
| Mounting Type              | -  |
| Package / Case             | 208-PBGA   |
| Supplier Device Package    | -  |

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## ST10F296 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.

## ST10F296 Payment Methods



## ST10F296 Shipping Methods



If you have any question about ST10F296, please do not hesitate to contact us!

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

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