

**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) <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!

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