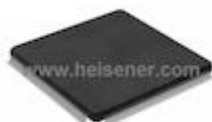


**TMS320F2812PGFS Information**


For Reference Only

**Part Number** [TMS320F2812PGFS](#)  
**Manufacturer** Texas Instruments  
**Category** Integrated Circuits (ICs)  
[Embedded - Microcontrollers](#)  
**Description** IC MCU 32BIT 256KB FLASH 176LQFP  
**Package** 176-LQFP  
 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.


**TMS320F2812PGFS Specifications**

Manufacturer Part Number	<a href="#">TMS320F2812PGFS</a>
Manufacturer	Texas Instruments
Category	Integrated Circuits (ICs) <a href="#">Embedded - Microcontrollers</a>
Package	176-LQFP
Series	C2000? C28x Fixed-Point
Core Processor	C28x
Core Size	32-Bit
Speed	150MHz
Connectivity	CAN, EBI/EMI, McBSP, SCI, SPI, UART/USART
Peripherals	DMA, POR, PWM, WDT
Number of I/O	56
Program Memory Size	256KB (128K x 16)
Program Memory Type	FLASH
EEPROM Size	-
RAM Size	18K x 16
Voltage - Supply (Vcc/Vdd)	1.81 V ~ 2 V
Data Converters	A/D 16x12b
Oscillator Type	Internal
Operating Temperature	-40°C ~ 125°C (TA)
Mounting Type	-
Package / Case	176-LQFP
Supplier Device Package	176-LQFP (24x24)

[Report errors?](#)

## TMS320F2812PGFS 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.

## TMS320F2812PGFS Payment Methods



## TMS320F2812PGFS Shipping Methods



If you have any question about TMS320F2812PGFS, please do not hesitate to contact us!

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

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