

**TMS320F28052PNS Information**


For Reference Only

**Part Number** [TMS320F28052PNS](#)  
**Manufacturer** Texas Instruments  
**Category** Integrated Circuits (ICs)  
[Embedded - Microcontrollers](#)  
**Description** IC MCU 32BIT 64KB FLASH 80LQFP  
**Package** 80-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.


**TMS320F28052PNS Specifications**

|                            |  |
|----------------------------|--|
| Manufacturer Part Number   | <a href="#">TMS320F28052PNS</a>  |
| Manufacturer               | Texas Instruments  |
| Category                   | Integrated Circuits (ICs)<br><a href="#">Embedded - Microcontrollers</a> |
| Package                    | 80-LQFP  |
| Series                     | C2000? C28x Piccolo?   |
| Core Processor             | C28x   |
| Core Size                  | 32-Bit   |
| Speed                      | 60MHz  |
| Connectivity               | CAN, I2C, SCI, SPI, UART/USART   |
| Peripherals                | Brown-out Detect/Reset, POR, PWM, WDT                                    |
| Number of I/O              | 42   |
| Program Memory Size        | 64KB (32K x 16)  |
| Program Memory Type        | FLASH  |
| EEPROM Size                | -  |
| RAM Size                   | 10K x 16   |
| Voltage - Supply (Vcc/Vdd) | 1.71 V ~ 1.995 V   |
| Data Converters            | A/D 16x12b   |
| Oscillator Type            | Internal   |
| Operating Temperature      | -40°C ~ 125°C (TA)   |
| Mounting Type              | -  |
| Package / Case             | 80-LQFP  |
| Supplier Device Package    | 80-LQFP (12x12)  |

[Report errors?](#)

## TMS320F28052PNS 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.

## TMS320F28052PNS Payment Methods



## TMS320F28052PNS Shipping Methods



If you have any question about TMS320F28052PNS, please do not hesitate to contact us!

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

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