

**TM4C123GH6PZT Information**


For Reference Only

**Part Number** [TM4C123GH6PZT](#)  
**Manufacturer** Texas Instruments  
**Category** Integrated Circuits (ICs)  
[Embedded - Microcontrollers](#)  
**Description** IC MCU 32BIT 256KB FLASH 100LQFP  
**Package** 100-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.


**TM4C123GH6PZT Specifications**

|                            |  |
|----------------------------|--|
| Manufacturer Part Number   | <a href="#">TM4C123GH6PZT</a>  |
| Manufacturer               | Texas Instruments  |
| Category                   | Integrated Circuits (ICs)<br><a href="#">Embedded - Microcontrollers</a> |
| Package                    | 100-LQFP   |
| Series                     | Tiva? C  |
| Core Processor             | ARM? Cortex?-M4F   |
| Core Size                  | 32-Bit   |
| Speed                      | 80MHz  |
| Connectivity               | CAN, I2C, IrDA, Microwire, QEI, SPI, SSI, UART/USART, USB OTG            |
| Peripherals                | Brown-out Detect/Reset, DMA, Motion PWM, POR, WDT                        |
| Number of I/O              | 69   |
| Program Memory Size        | 256KB (256K x 8)   |
| Program Memory Type        | FLASH  |
| EEPROM Size                | 2K x 8   |
| RAM Size                   | 32K x 8  |
| Voltage - Supply (Vcc/Vdd) | 1.08 V ~ 3.63 V  |
| Data Converters            | A/D 22x12b   |
| Oscillator Type            | Internal   |
| Operating Temperature      | -40°C ~ 105°C (TA)   |
| Mounting Type              | -  |
| Package / Case             | 100-LQFP   |
| Supplier Device Package    | 100-LQFP (14x14)   |

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## TM4C123GH6PZT 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.

## TM4C123GH6PZT Payment Methods



## TM4C123GH6PZT Shipping Methods



If you have any question about TM4C123GH6PZT, please do not hesitate to contact us!

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

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