

**TMS5702124CPGEQQ1 Information**


For Reference Only

**Part Number** [TMS5702124CPGEQQ1](#)  
**Manufacturer** Texas Instruments  
**Category** Integrated Circuits (ICs)  
[Embedded - Microcontrollers](#)  
**Description** IC MCU 32BIT 2MB FLASH 144LQFP  
**Package** 144-LQFP  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)


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**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.


**TMS5702124CPGEQQ1 Specifications**

|                            |                                                                          |
|----------------------------|--------------------------------------------------------------------------|
| Manufacturer Part Number   | <a href="#">TMS5702124CPGEQQ1</a>                                        |
| Manufacturer               | Texas Instruments                                                        |
| Category                   | Integrated Circuits (ICs)<br><a href="#">Embedded - Microcontrollers</a> |
| Package                    | 144-LQFP                                                                 |
| Series                     | Automotive, AEC-Q100, Hercules? TMS570 ARM? Cortex?-R                    |
| Core Processor             | ARM? Cortex?-R4F                                                         |
| Core Size                  | 16/32-Bit                                                                |
| Speed                      | 160MHz                                                                   |
| Connectivity               | CAN, EBI/EMI, I2C, LIN, MibSPI, SCI, SPI, UART/USART                     |
| Peripherals                | DMA, POR, PWM, WDT                                                       |
| Number of I/O              | 64                                                                       |
| Program Memory Size        | 2MB (2M x 8)                                                             |
| Program Memory Type        | FLASH                                                                    |
| EEPROM Size                | 64K x 8                                                                  |
| RAM Size                   | 192K x 8                                                                 |
| Voltage - Supply (Vcc/Vdd) | 1.14 V ~ 3.6 V                                                           |
| Data Converters            | A/D 24x12b                                                               |
| Oscillator Type            | External                                                                 |
| Operating Temperature      | -40°C ~ 125°C (TA)                                                       |
| Mounting Type              | -                                                                        |
| Package / Case             | 144-LQFP                                                                 |
| Supplier Device Package    | 144-LQFP (20x20)                                                         |

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## TMS5702124CPGEQQ1 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.

## TMS5702124CPGEQQ1 Payment Methods



## TMS5702124CPGEQQ1 Shipping Methods



If you have any question about TMS5702124CPGEQQ1, please do not hesitate to contact us!

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

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