

**STM32L496QGI6 Information**


For Reference Only

**Part Number** [STM32L496QGI6](#)  
**Manufacturer** STMicroelectronics  
**Category** Integrated Circuits (ICs)  
[Embedded - Microcontrollers](#)  
**Description** IC MCU 32BIT 1MB FLASH 132FBGA  
**Package** 132-UFBGA  
 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.


**STM32L496QGI6 Specifications**

|                            |                                                                                  |
|----------------------------|----------------------------------------------------------------------------------|
| Manufacturer Part Number   | <a href="#">STM32L496QGI6</a>                                                    |
| Manufacturer               | STMicroelectronics                                                               |
| Category                   | Integrated Circuits (ICs)<br><a href="#">Embedded - Microcontrollers</a>         |
| Package                    | 132-UFBGA                                                                        |
| Series                     | STM32L4                                                                          |
| Core Processor             | ARM? Cortex?-M4                                                                  |
| Core Size                  | 32-Bit                                                                           |
| Speed                      | 80MHz                                                                            |
| Connectivity               | CAN, EBI/EMI, I2C, IrDA, LIN, MMC/SD, QSPI, SAI, SPI, SWPMI, UART/USART, USB OTG |
| Peripherals                | Brown-out Detect/Reset, DMA, LCD, PWM, WDT                                       |
| Number of I/O              | 110                                                                              |
| Program Memory Size        | 1MB (1M x 8)                                                                     |
| Program Memory Type        | FLASH                                                                            |
| EEPROM Size                | -                                                                                |
| RAM Size                   | 320K x 8                                                                         |
| Voltage - Supply (Vcc/Vdd) | 1.71 V ~ 3.6 V                                                                   |
| Data Converters            | A/D 19x12b, D/A 2x12b                                                            |
| Oscillator Type            | Internal                                                                         |
| Operating Temperature      | -40°C ~ 85°C (TA)                                                                |
| Mounting Type              | -                                                                                |
| Package / Case             | 132-UFBGA                                                                        |
| Supplier Device Package    | 132-UFBGA (7x7)                                                                  |

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## STM32L496QGI6 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.

## STM32L496QGI6 Payment Methods



## STM32L496QGI6 Shipping Methods



If you have any question about STM32L496QGI6, please do not hesitate to contact us!

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