

**ATSAMA5D22B-CN Information**


For Reference Only

**Part Number** [ATSAMA5D22B-CN](#)  
**Manufacturer** Microchip Technology  
**Category** Integrated Circuits (ICs)  
[Embedded - Microcontrollers](#)  
**Description** IC MCU 32BIT EXT MEM 196TFBGA  
**Package** 196-TFBGA, CSBGA  
 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.


**ATSAMA5D22B-CN Specifications**

|                             |  |
|-----------------------------|--|
| Manufacturer Part Number    | <a href="#">ATSAMA5D22B-CN</a>   |
| Manufacturer                | Microchip Technology   |
| Category                    | Integrated Circuits (ICs)<br><a href="#">Embedded - Microcontrollers</a>             |
| Package                     | 196-TFBGA, CSBGA   |
| Series                      | SAMA5D2  |
| Core Processor              | ARM? Cortex?-A5  |
| Core Size                   | 32-Bit   |
| Speed                       | 500MHz   |
| Connectivity                | CAN, EBI/EMI, Ethernet, I2C, IrDA, LIN, MMC/SD/SDIO, QSPI, SPI, SSC, UART/USART, USB |
| Peripherals                 | DMA, I2S, LCD, POR, PWM, WDT   |
| Number of I/O               | 72   |
| Program Memory Size         | -  |
| Program Memory Type         | External Program Memory  |
| EEPROM Size                 | -  |
| RAM Size                    | 128K x 8   |
| Voltage - Supply (Vcc /Vdd) | 1.1 V ~ 3.6 V  |
| Data Converters             | A/D 5x12b  |
| Oscillator Type             | Internal   |
| Operating Temperature       | -40°C ~ 105°C (TA)   |
| Mounting Type               | -  |
| Package / Case              | 196-TFBGA, CSBGA   |
| Supplier Device Package     | 196-TFBGA (11x11)  |

## ATSAMA5D22B-CN 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.

## ATSAMA5D22B-CN Payment Methods



## ATSAMA5D22B-CN Shipping Methods



If you have any question about ATSAMA5D22B-CN, please do not hesitate to contact us!

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

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