

**ATSAMA5D21C-CUR Information**


For Reference Only

**Part Number** [ATSAMA5D21C-CUR](#)  
**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.


**ATSAMA5D21C-CUR Specifications**

|                            |   |
|----------------------------|---|
| Manufacturer Part Number   | <a href="#">ATSAMA5D21C-CUR</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               | EBI/EMI, Ethernet, I2C, IrDA, LIN, MMC/SDIO/SD, 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 ~ 85°C (TA)   |
| Mounting Type              | -   |
| Package / Case             | 196-TFBGA, CSBGA  |
| Supplier Device Package    | 196-TFBGA (11x11)   |

[Report errors?](#)

## ATSAMA5D21C-CUR 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.

## ATSAMA5D21C-CUR Payment Methods



## ATSAMA5D21C-CUR Shipping Methods



If you have any question about ATSAMA5D21C-CUR, please do not hesitate to contact us!

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

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