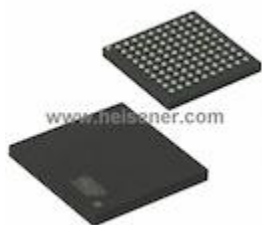


**ATSAM4S8CA-CU Information**


For Reference Only

**Part Number** [ATSAM4S8CA-CU](#)  
**Manufacturer** Microchip Technology  
**Category** Integrated Circuits (ICs)  
[Embedded - Microcontrollers](#)  
**Description** IC MCU 32BIT 512KB FLASH 100BGA  
**Package** 100-TFBGA  
 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.


**ATSAM4S8CA-CU Specifications**

|                            |  |
|----------------------------|--|
| Manufacturer Part Number   | <a href="#">ATSAM4S8CA-CU</a>  |
| Manufacturer               | Microchip Technology   |
| Category                   | Integrated Circuits (ICs)<br><a href="#">Embedded - Microcontrollers</a> |
| Package                    | 100-TFBGA  |
| Series                     | SAM4S  |
| Core Processor             | ARM? Cortex?-M4  |
| Core Size                  | 32-Bit   |
| Speed                      | 120MHz   |
| Connectivity               | EBI/EMI, I2C, IrDA, Memory Card, SPI, SSC, UART/USART, USB               |
| Peripherals                | Brown-out Detect/Reset, DMA, POR, PWM, WDT                               |
| Number of I/O              | 79   |
| Program Memory Size        | 512KB (512K x 8)   |
| Program Memory Type        | FLASH  |
| EEPROM Size                | -  |
| RAM Size                   | 128K x 8   |
| Voltage - Supply (Vcc/Vdd) | 1.62 V ~ 3.6 V   |
| Data Converters            | A/D 16x12b, D/A 2x12b  |
| Oscillator Type            | Internal   |
| Operating Temperature      | -40°C ~ 85°C (TA)  |
| Mounting Type              | -  |
| Package / Case             | 100-TFBGA  |
| Supplier Device Package    | 100-TFBGA (9x9)  |

[Report errors?](#)

## ATSAM4S8CA-CU 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.

## ATSAM4S8CA-CU Payment Methods



## ATSAM4S8CA-CU Shipping Methods



If you have any question about ATSAM4S8CA-CU, please do not hesitate to contact us!

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

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