

**ATSAMA5D21A-CU Information**


For Reference Only

**Part Number** [ATSAMA5D21A-CU](#)  
**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.


**ATSAMA5D21A-CU Specifications**

Manufacturer Part Number	<a href="#">ATSAMA5D21A-CU</a>
Manufacturer	Microchip Technology
Category	Integrated Circuits (ICs) <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?](#)

## ATSAMA5D21A-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.

## ATSAMA5D21A-CU Payment Methods



## ATSAMA5D21A-CU Shipping Methods



If you have any question about ATSAMA5D21A-CU, please do not hesitate to contact us!

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

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