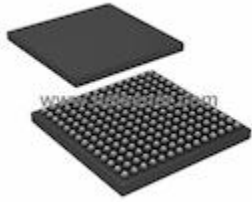


ATSAMA5D21A-CU Information


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


[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	ATSAMA5D21A-CU
Manufacturer	Microchip Technology
Category	Integrated Circuits (ICs) Embedded - Microcontrollers
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