## ATSAM4S8CA-AUR Information

For Reference Only

www.heisener.com

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|---|---|
| **Part Number** | ATSAM4S8CA-AUR |
| **Manufacturer** | Microchip Technology |
| **Category** | Integrated Circuits (ICs)<br>Embedded - Microcontrollers |
| **Description** | IC MCU 32BIT 512KB FLASH 100LQFP |
| **Package** | 100-LQFP |

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.

ISO 9001:2015 CERTIFIED COMPANY · ICAS · IAF MEMBER OF MULTILATERAL RECOGNITION ARRANGEMENT · UKAS MANAGEMENT SYSTEMS

## ATSAM4S8CA-AUR Specifications

| | |
|---|---|
| Manufacturer Part Number | ATSAM4S8CA-AUR |
| Manufacturer | Microchip Technology |
| Category | Integrated Circuits (ICs) |
| | Embedded - Microcontrollers |
| Package | 100-LQFP |
| 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-LQFP |
| Supplier Device Package | 100-LQFP (14x14) |
| | Report errors? |

## ATSAM4S8CA-AUR 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-AUR Payment Methods

## ATSAM4S8CA-AUR Shipping Methods

If you have any question about ATSAM4S8CA-AUR, please do not hesitate to contact us!
Website: https://www.heisener.com
E-mail: salesdept@heisener.com