

**ATSAM4SD32CB-AN Information**


For Reference Only

**Part Number** [ATSAM4SD32CB-AN](#)
**Manufacturer** Microchip Technology

**Category** Integrated Circuits (ICs)  
[Embedded - Microcontrollers](#)
**Description** FLASH,160K SRAM

**Package** 100-LQFP

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.


**ATSAM4SD32CB-AN Specifications**

|                                |  |
|--------------------------------|--|
| Manufacturer Part Number       | <a href="#">ATSAM4SD32CB-AN</a>  |
| Manufacturer                   | Microchip Technology   |
| Category                       | Integrated Circuits (ICs)<br><a href="#">Embedded - Microcontrollers</a> |
| 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            | 2MB (2M x 8)   |
| Program Memory Type            | FLASH  |
| EEPROM Size                    | -  |
| RAM Size                       | 160K 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 ~ 105°C (TA)   |
| Mounting Type                  | -  |
| Package / Case                 | 100-LQFP   |
| Supplier Device Package        | 100-LQFP (14x14)   |
| <a href="#">Report errors?</a> |  |

## ATSAM4SD32CB-AN 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.

## ATSAM4SD32CB-AN Payment Methods



## ATSAM4SD32CB-AN Shipping Methods



If you have any question about ATSAM4SD32CB-AN, please do not hesitate to contact us!

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

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