

**ATSAM4LS2BA-AU Information**


For Reference Only

**Part Number** [ATSAM4LS2BA-AU](#)  
**Manufacturer** Microchip Technology  
**Category** Integrated Circuits (ICs)  
[Embedded - Microcontrollers](#)  
**Description** IC MCU 32BIT 128KB FLASH 64TQFP  
**Package** 64-TQFP  
 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.


**ATSAM4LS2BA-AU Specifications**

|                            |  |
|----------------------------|--|
| Manufacturer Part Number   | <a href="#">ATSAM4LS2BA-AU</a>   |
| Manufacturer               | Microchip Technology   |
| Category                   | Integrated Circuits (ICs)<br><a href="#">Embedded - Microcontrollers</a> |
| Package                    | 64-TQFP  |
| Series                     | SAM4L  |
| Core Processor             | ARM? Cortex?-M4  |
| Core Size                  | 32-Bit   |
| Speed                      | 48MHz  |
| Connectivity               | I2C, IrDA, LIN, SPI, UART/USART, USB                                     |
| Peripherals                | Brown-out Detect/Reset, DMA, I2S, POR, PWM, WDT                          |
| Number of I/O              | 48   |
| Program Memory Size        | 128KB (128K x 8)   |
| Program Memory Type        | FLASH  |
| EEPROM Size                | -  |
| RAM Size                   | 32K x 8  |
| Voltage - Supply (Vcc/Vdd) | 1.68 V ~ 3.6 V   |
| Data Converters            | A/D 7x12b, D/A 1x10b   |
| Oscillator Type            | Internal   |
| Operating Temperature      | -40°C ~ 85°C (TA)  |
| Mounting Type              | -  |
| Package / Case             | 64-TQFP  |
| Supplier Device Package    | 64-TQFP (10x10)  |

[Report errors?](#)

## ATSAM4LS2BA-AU 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.

## ATSAM4LS2BA-AU Payment Methods



## ATSAM4LS2BA-AU Shipping Methods



If you have any question about ATSAM4LS2BA-AU, please do not hesitate to contact us!

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

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