

**ATSAMD20E18A-AN Information**


For Reference Only

**Part Number** [ATSAMD20E18A-AN](#)  
**Manufacturer** Microchip Technology  
**Category** Integrated Circuits (ICs)  
[Embedded - Microcontrollers](#)  
**Description** IC MCU 32BIT 256KB FLASH 32TQFP  
**Package** 32-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.


**ATSAMD20E18A-AN Specifications**

|                            |  |
|----------------------------|--|
| Manufacturer Part Number   | <a href="#">ATSAMD20E18A-AN</a>  |
| Manufacturer               | Microchip Technology   |
| Category                   | Integrated Circuits (ICs)<br><a href="#">Embedded - Microcontrollers</a> |
| Package                    | 32-TQFP  |
| Series                     | SAM D20E   |
| Core Processor             | ARM? Cortex?-M0+   |
| Core Size                  | 32-Bit   |
| Speed                      | 48MHz  |
| Connectivity               | I2C, SPI, UART/USART   |
| Peripherals                | Brown-out Detect/Reset, POR, WDT   |
| Number of I/O              | 26   |
| Program Memory Size        | 256KB (256K x 8)   |
| Program Memory Type        | FLASH  |
| EEPROM Size                | -  |
| RAM Size                   | 32K x 8  |
| Voltage - Supply (Vcc/Vdd) | 1.62 V ~ 3.6 V   |
| Data Converters            | A/D 10x12b, D/A 1x10b  |
| Oscillator Type            | Internal   |
| Operating Temperature      | -40°C ~ 105°C (TA)   |
| Mounting Type              | -  |
| Package / Case             | 32-TQFP  |
| Supplier Device Package    | 32-TQFP (7x7)  |

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## ATSAMD20E18A-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.

## ATSAMD20E18A-AN Payment Methods



## ATSAMD20E18A-AN Shipping Methods



If you have any question about ATSAMD20E18A-AN, please do not hesitate to contact us!

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

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