

**ATSAMD51N20A-AF Information**


For Reference Only

**Part Number** [ATSAMD51N20A-AF](#)  
**Manufacturer** Microchip Technology  
**Category** Integrated Circuits (ICs)  
[Embedded - Microcontrollers](#)  
**Description** 120MHZ 1024KB FLASH 100 TQFP PKG  
**Package** 100-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.


**ATSAMD51N20A-AF Specifications**

Manufacturer Part Number	<a href="#">ATSAMD51N20A-AF</a>
Manufacturer	Microchip Technology
Category	Integrated Circuits (ICs) <a href="#">Embedded - Microcontrollers</a>
Package	100-TQFP
Series	SAM D51
Core Processor	ARM® Cortex®-M4F
Core Size	32-Bit
Speed	120MHz
Connectivity	EBI/EMI, I <sup>2</sup> C, IrDA, LINbus, MMC/SD, QSPI, SPI, UART/USART, USB
Peripherals	Brown-out Detect/Reset, DMA, I <sup>2</sup> S, POR, PWM
Number of I/O	81
Program Memory Size	1MB (1M x 8)
Program Memory Type	FLASH
EEPROM Size	-
RAM Size	256K x 8
Voltage - Supply (Vcc/Vdd)	1.71 V ~ 3.63 V
Data Converters	A/D 28x12b, D/A 2x12b
Oscillator Type	Internal
Operating Temperature	-40°C ~ 125°C (TA)
Mounting Type	-
Package / Case	100-TQFP
Supplier Device Package	100-TQFP (14x14)

[Report errors?](#)

## ATSAMD51N20A-AF 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.

## ATSAMD51N20A-AF Payment Methods



## ATSAMD51N20A-AF Shipping Methods



If you have any question about ATSAMD51N20A-AF, please do not hesitate to contact us!

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