

ATSAME53N20A-AFT Information


For Reference Only

Part Number [ATSAME53N20A-AFT](#)
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



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.


ATSAME53N20A-AFT Specifications

Manufacturer Part Number	ATSAME53N20A-AFT
Manufacturer	Microchip Technology
Category	Integrated Circuits (ICs) Embedded - Microcontrollers
Package	100-TQFP
Series	SAM E53
Core Processor	ARM® Cortex®-M4F
Core Size	32-Bit
Speed	120MHz
Connectivity	EBI/EMI, Ethernet, I ² C, IrDA, LINbus, MMC/SD, QSPI, SPI, UART/USART, USB
Peripherals	Brown-out Detect/Reset, DMA, I ² S, POR, PWM, WDT
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?](#)

ATSAME53N20A-AFT 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.

ATSAME53N20A-AFT Payment Methods



ATSAME53N20A-AFT Shipping Methods



If you have any question about ATSAME53N20A-AFT, please do not hesitate to contact us!

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