

ATSAMS70N19B-CFN Information


For Reference Only

Part Number [ATSAMS70N19B-CFN](#)
Manufacturer Microchip Technology
Category Integrated Circuits (ICs)
[Embedded - Microcontrollers](#)
Description CM7,512KB FLASH 256KB SRAM ,VFBG
Package 100-TFBGA
 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.


ATSAMS70N19B-CFN Specifications

| | |
|----------------------------|--|
| Manufacturer Part Number | ATSAMS70N19B-CFN |
| Manufacturer | Microchip Technology |
| Category | Integrated Circuits (ICs) Embedded - Microcontrollers |
| Package | 100-TFBGA |
| Series | SAM S70 |
| Core Processor | ARM® Cortex®-M7 |
| Core Size | 32-Bit |
| Speed | 300MHz |
| Connectivity | I ² C, IrDA, LINbus, MMC/SD/SDIO, SPI, UART/USART, USB |
| Peripherals | Brown-out Detect/Reset, DMA, I ² S, POR, PWM, WDT |
| Number of I/O | 75 |
| Program Memory Size | 512KB (512K x 8) |
| Program Memory Type | FLASH |
| EEPROM Size | - |
| RAM Size | 256K x 8 |
| Voltage - Supply (Vcc/Vdd) | 1.7 V ~ 3.6 V |
| Data Converters | A/D 10x12b; D/A 2x12b |
| Oscillator Type | Internal |
| Operating Temperature | -40°C ~ 105°C (TA) |
| Mounting Type | - |
| Package / Case | 100-TFBGA |
| Supplier Device Package | 100-TFBGA (9x9) |

[Report errors?](#)

ATSAMS70N19B-CFN 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.

ATSAMS70N19B-CFN Payment Methods



ATSAMS70N19B-CFN Shipping Methods



If you have any question about ATSAMS70N19B-CFN, please do not hesitate to contact us!

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