



Micrel / Microchip Technology

## ATSAME70N19B-CNT

Part Number:	ATSAME70N19B-CNT
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	CM7,512KB FLASH,256KB SRAM
Datasheets:	<a href="#">PDF ATSAME70N19B-CNT.pdf</a>
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

[REQUEST FOR QUOTATION](#)

Image may be representation. See specifications for product details.



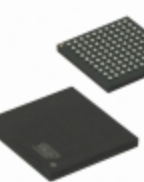
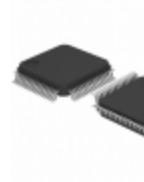
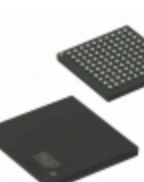




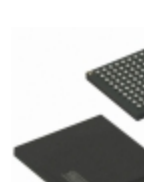

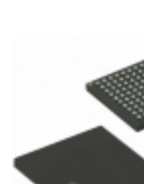
### Specifications of ATSAME70N19B-CNT

PART NUMBER	ATSAME70N19B-CNT
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	CM7,512KB FLASH,256KB SRAM
LEAD FREE STATUS / ROHS STATUS	
DATA SHEET	<a href="#">PDF ATSAME70N19B-CNT.pdf</a>
VOLTAGE - SUPPLY (VCC/VDD)	1.62 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	100-TFBGA (9x9)
SPEED	300MHz
SERIES	SAM E70
RAM SIZE	256K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	512KB (512K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, I <sup>2</sup> S, POR, PWM, WDT
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	100-TFBGA
OTHER NAMES	ATSAME70N19B-CNTTR
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	75
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	6 Weeks
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M7 SAM E70 Microcontroller IC 32-Bit 300MHz 512KB (512K x 8) FLASH 100-TFBGA (9x9)
DATA CONVERTERS	A/D 10x12b; D/A 2x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M7
CONNECTIVITY	CANbus, Ethernet, I <sup>2</sup> C, IrDA, LINbus, SPI, UART/USART, USB

### Related Tags

<a href="#">Micrel / Microchip Technology ATSAME70N19B-CNT</a>	<a href="#">ATSAME70N19B-CNT Distributor</a>	<a href="#">ATSAME70N19B-CNT Supplier</a>
<a href="#">ATSAME70N19B-CNT Price</a>	<a href="#">ATSAME70N19B-CNT Pictures</a>	<a href="#">ATSAME70N19B-CNT Image</a>
<a href="#">ATSAME70N19B-CNT PDF Datasheet</a>	<a href="#">ATSAME70N19B-CNT Download Datasheet</a>	<a href="#">ATSAME70N19B-CNT Datasheet</a>
<a href="#">ATSAME70N19B-CNT Stock</a>	<a href="#">Buy ATSAME70N19B-CNT</a>	<a href="#">Buy Micrel / Microchip Technology ATSAME70N19B-CNT</a>
<a href="#">Micrel / Microchip Technology ATSAME70N19B-CNT</a>	<a href="#">Micrel / Microchip Technology Supplier</a>	<a href="#">Micrel / Microchip Technology Distributor</a>
<a href="#">Micrel / Microchip Technology ATSAME70N19B-CNT</a>	<a href="#">Microchip Technology ATSAME70N19B-CNT</a>	<a href="#">Roving Networks / Microchip Technology ATSAME70N19B-CNT</a>

### Related Products

 <p><b>ATSAME70N20B-AN</b> Manufacturers: Micrel / Microchip Technology Description: CM7,1024KB FLASH,384KB SRAM,LQFP In stock: 540 pcs <a href="#">RFQ</a></p>	 <p><b>ATSAME70N19A-CNT</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 100BGA In stock: Out stock <a href="#">RFQ</a></p>
 <p><b>ATSAME70N19B-CN</b> Manufacturers: Micrel / Microchip Technology Description: CM7,512KB FLASH,256KB SRAM,BGA10 In stock: 780 pcs <a href="#">RFQ</a></p>	 <p><b>ATSAME70J21B-ANT</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 64LQFP In stock: Out stock <a href="#">RFQ</a></p>
 <p><b>ATSAME70N19A-CN</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 100BGA In stock: 761 pcs <a href="#">RFQ</a></p>	 <p><b>ATSAME70N19A-AN</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: 232 pcs <a href="#">RFQ</a></p>
 <p><b>ATSAME70N19A-ANT</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: Out stock <a href="#">RFQ</a></p>	 <p><b>ATSAME70N20A-CN</b> Manufacturers: Microchip Technology Description: IC MCU 32BIT 1MB FLASH 100TFBGA In stock: 132 pcs <a href="#">RFQ</a></p>
 <p><b>ATSAME70N20A-ANT</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 100LQFP In stock: Out stock <a href="#">RFQ</a></p>	 <p><b>ATSAME70N20A-CNT</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 100TFBGA In stock: Out stock <a href="#">RFQ</a></p>
 <p><b>ATSAME70N20A-AN</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 100LQFP In stock: 942 pcs <a href="#">RFQ</a></p>	 <p><b>ATSAME70N20A-CN</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 100TFBGA In stock: 260 pcs <a href="#">RFQ</a></p>