



Micrel / Microchip Technology

ATSAME70N19A-CNT

Part Number:	ATSAME70N19A-CNT
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	IC MCU 32BIT 512KB FLASH 100BGA
Datasheets:	1.ATSAME70N19A-CNT.pdf 2.ATSAME70N19A-CNT.pdf
RoHS Status:	Lead free / RoHS Compliant
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.

Specifications of ATSAME70N19A-CNT

PART NUMBER	ATSAME70N19A-CNT
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 512KB FLASH 100BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.ATSAME70N19A-CNT.pdf 2.ATSAME70N19A-CNT.pdf
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 ² S, POR, PWM, WDT
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	100-TFBGA
OTHER NAMES	ATSAME70N19A-CNT-ND ATSAME70N19A-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
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
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 ² C, IrDA, LINbus, MMC/SD/SDIO, SPI, UART/USART, USB
BASE PART NUMBER	ATSAME70N19

Related Tags

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Related Products

<p>ATSAME70N19B-CNT Manufacturers: Micrel / Microchip Technology Description: CM7,512KB FLASH,256KB SRAM In stock: Out stock RFQ</p>	<p>ATSAME70N19A-AN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: 232 pcs RFQ</p>
<p>ATSAME70N20A-ANT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 100LQFP In stock: Out stock RFQ</p>	<p>ATSAME70N20A-CN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 100TFBGA In stock: 260 pcs RFQ</p>
<p>ATSAME70J21A-ANT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 64LQFP In stock: Out stock RFQ</p>	<p>ATSAME70J21B-ANT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 64LQFP In stock: Out stock RFQ</p>
<p>ATSAME70N20A-CN Manufacturers: Microchip Technology Description: IC MCU 32BIT 1MB FLASH 100TFBGA In stock: 132 pcs RFQ</p>	<p>ATSAME70N19B-CN Manufacturers: Micrel / Microchip Technology Description: CM7,512KB FLASH,256KB SRAM,BGA10 In stock: 780 pcs RFQ</p>
<p>ATSAME70J21B-AN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 64LQFP In stock: 676 pcs RFQ</p>	<p>ATSAME70N19A-ANT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: Out stock RFQ</p>
<p>ATSAME70N19A-CN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 100BGA In stock: 761 pcs RFQ</p>	<p>ATSAME70N20A-AN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 100LQFP In stock: 942 pcs RFQ</p>