



ATSAMS70N19A-AN

Part Number:	ATSAMS70N19A-AN
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 32BIT 512KB FLASH 100LQFP
Datasheets:	1.ATSAMS70N19A-AN.pdf 2.ATSAMS70N19A-AN.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

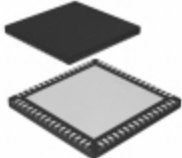
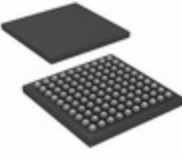
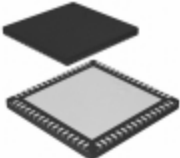
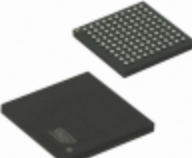
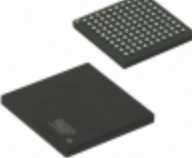
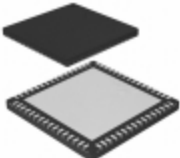
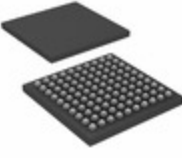
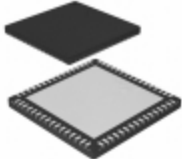
Specifications of ATSAMS70N19A-AN

PART NUMBER	ATSAMS70N19A-AN
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 512KB FLASH 100LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.ATSAMS70N19A-AN.pdf 2.ATSAMS70N19A-AN.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.08 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	100-LQFP (14x14)
SPEED	300MHz
SERIES	SAM S70
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	Tray
PACKAGE / CASE	100-LQFP
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 S70 Microcontroller IC 32-Bit 300MHz 512KB (512K x 8) FLASH 100-LQFP (14x14)
DATA CONVERTERS	A/D 10x12b, D/A 2x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M7
CONNECTIVITY	I ² C, IrDA, LINbus, MMC/SD/SDIO, SPI, UART/USART, USB
BASE PART NUMBER	ATSAMS70N19

Related Tags

Micrel / Microchip Technology ATSAMS70N19A-AN	ATSAMS70N19A-AN Distributor	ATSAMS70N19A-AN Supplier
ATSAMS70N19A-AN Price	ATSAMS70N19A-AN Pictures	ATSAMS70N19A-AN Image
ATSAMS70N19A-AN PDF Datasheet	ATSAMS70N19A-AN Download Datasheet	ATSAMS70N19A-AN Datasheet
ATSAMS70N19A-AN Stock	Buy ATSAMS70N19A-AN	Buy Micrel / Microchip Technology ATSAMS70N19A-AN
Micrel / Microchip Technology ATSAMS70N19A-AN	Micrel / Microchip Technology Supplier	Micrel / Microchip Technology Distributor
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Related Products

 ATSAMS70N19A-ANT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: Out stock RFQ	 ATSAMS70J21B-MN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 64QFN In stock: Out stock RFQ
 ATSAMS70N19A-CFN Manufacturers: Microchip Technology Description: IC MCU 32BIT 512KB FLASH 100BGA In stock: 500 pcs RFQ	 ATSAMS70N19A-CFNT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 100BGA In stock: Out stock RFQ
 ATSAMS70J21A-MN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 64QFN In stock: 315 pcs RFQ	 ATSAMS70N19A-CNT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 100BGA In stock: Out stock RFQ
 ATSAMS70J21B-AN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 64LQFP In stock: 462 pcs RFQ	 ATSAMS70N19A-CN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 100BGA In stock: Out stock RFQ
 ATSAMS70J21A-MNT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 64QFN In stock: Out stock RFQ	 ATSAMS70N19A-CFN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 100BGA In stock: Out stock RFQ
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