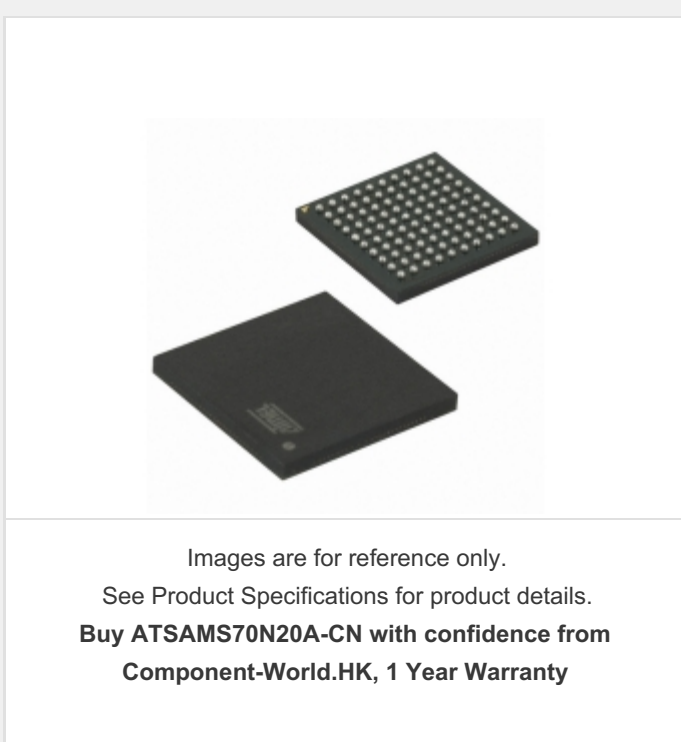


ATSAMS70N20A-CN



Part Number: [ATSAMS70N20A-CN](#)
Manufacturer: [Micrel / Microchip Technology](#)
Description: IC MCU 32BIT 1MB FLASH 100TFBGA
Data sheet: [SAM E/S/V70,V71 Family Errata](#)
[SAM E/S/V70,V71 Family Datasheet](#)

RoHS Status: Lead free / RoHS Compliant
Ship From: Hong Kong
Shipment Way: DHL/Fedex/TNT/UPS/EMS

[Request For Quotation](#)

PRODUCT PARAMETER	
Part Number	ATSAMS70N20A-CN
Description	IC MCU 32BIT 1MB FLASH 100TFBGA
Quantity Available	11799 pcs
Category	Integrated Circuits (ICs)
Supplier Device Package	100-TFBGA (9x9)
Series	SAM S70
Program Memory Type	FLASH
Peripherals	Brown-out Detect/Reset, DMA, I ² S, POR, PWM, WDT
Package / Case	100-TFBGA
Operating Temperature	-40°C ~ 105°C (TA)
Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Detailed Description	ARM® Cortex®-M7 SAM S70 Microcontroller IC 32-Bit 300MHz 1MB (1M x 8) FLASH 100-TFBGA (9x9)
Core Size	32-Bit
Connectivity	I ² C, IrDA, LINbus, MMC/SD/SDIO, SPI, UART/USART, USB
Manufacturer	Micrel / Microchip Technology
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Data sheet	SAM E/S/V70,V71 Family Errata SAM E/S/V70,V71 Family Datasheet
Voltage - Supply (Vcc/Vdd)	1.08 V ~ 3.6 V
Speed	300MHz
RAM Size	384K x 8
Program Memory Size	1MB (1M x 8)
Packaging	Tray
Oscillator Type	Internal
Number of I/O	75
Manufacturer Standard Lead Time	7 Weeks
EEPROM Size	-
Data Converters	A/D 10x12b, D/A 2x12b
Core Processor	ARM® Cortex®-M7
Base Part Number	ATSAMS70N20

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RFQ Email: info@Components-World.com

RELATED PRODUCTS	
	Part#: ATSAMS70N20B-CNT Description: IC MCU 32BIT 1MB FLASH 100TFBGA Manufacturers: Micrel / Microchip Technology RFQ
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	Part#: ATSAMS70N21A-AN Description: IC MCU 32BIT 2MB FLASH 100LQFP Manufacturers: Micrel / Microchip Technology RFQ
	Part#: ATSAMS70N20B-CFN Description: IC MCU 32BIT 1MB FLASH 100VFBGA Manufacturers: Micrel / Microchip Technology RFQ
	Part#: ATSAMS70N20A-AN Description: IC MCU 32BIT 1MB FLASH 100LQFP Manufacturers: Micrel / Microchip Technology RFQ
	Part#: ATSAMS70N20A-CFNT Description: IC MCU 32BIT 1MB FLASH 100VFBGA Manufacturers: Micrel / Microchip Technology RFQ
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	Part#: ATSAMS70N20B-CFNT Description: IC MCU 32BIT 1MB FLASH 100VFBGA Manufacturers: Micrel / Microchip Technology RFQ
	Part#: ATSAMS70N20B-AN Description: IC MCU 32BIT 1MB FLASH 100LQFP Manufacturers: Micrel / Microchip Technology RFQ
	Part#: ATSAMS70N19A-CN Description: IC MCU 32BIT 512KB FLASH 100BGA Manufacturers: Micrel / Microchip Technology RFQ
	Part#: ATSAMS70N20A-CFN Description: IC MCU 32BIT 1MB FLASH 100VFBGA Manufacturers: Micrel / Microchip Technology RFQ
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	Part#: ATSAMS70N19A-CNT Description: IC MCU 32BIT 512KB FLASH 100BGA Manufacturers: Micrel / Microchip Technology RFQ

Related keywords for ATSAMS70N20A-CN

Micrel / Microchip Technology ATSAMS70N20A-CN	ATSAMS70N20A-CN distributor	ATSAMS70N20A-CN supplier	ATSAMS70N20A-CN price
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