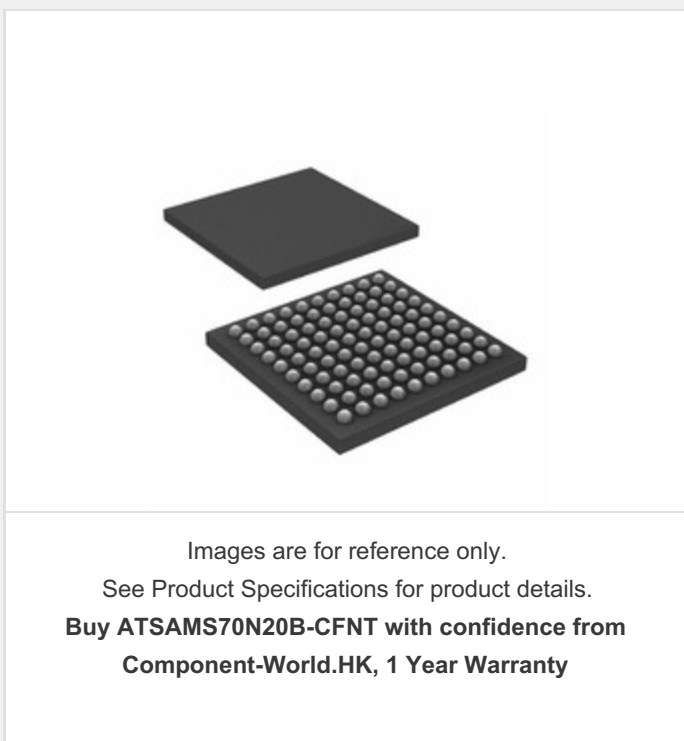


ATSAMS70N20B-CFNT



Part Number: [ATSAMS70N20B-CFNT](#)
Manufacturer: [Micrel / Microchip Technology](#)
Description: IC MCU 32BIT 1MB FLASH 100VFBGA
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	ATSAMS70N20B-CFNT
Description	IC MCU 32BIT 1MB FLASH 100VFBGA
Quantity Available	11973 pcs
Category	Integrated Circuits (ICs)
Supplier Device Package	100-VFBGA (7x7)
Series	SAM S70
Program Memory Type	FLASH
Peripherals	Brown-out Detect/Reset, DMA, I ² S, POR, PWM, WDT
Package / Case	100-VFBGA
Oscillator Type	Internal
Number of I/O	75
Manufacturer Standard Lead Time	16 Weeks
EEPROM Size	-
Data Converters	A/D 10x12b, D/A 2x12b
Core Processor	ARM® Cortex®-M7
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	Tape & Reel (TR)
Other Names	ATSAMS70N20B-CFNTTR
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-VFBGA (7x7)
Core Size	32-Bit
Connectivity	I ² C, IrDA, LINbus, MMC/SD/SDIO, SPI, UART/USART, USB

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	Part#: ATSAMS70N21B-AN Description: IC MCU 32BIT 2MB FLASH 100LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATSAMS70N20B-CN Description: IC MCU 32BIT 1MB FLASH 100TFBGA	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATSAMS70N20A-CN Description: IC MCU 32BIT 1MB FLASH 100TFBGA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMS70N20A-CNT Description: IC MCU 32BIT 1MB FLASH 100TFBGA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMS70N21A-AN Description: IC MCU 32BIT 2MB FLASH 100LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMS70N21A-CFN Description: IC MCU 32BIT 2MB FLASH 100VFBGA	Manufacturers: Micrel / Microchip Technology	RFQ

Related keywords for **ATSAMS70N20B-CFNT**

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