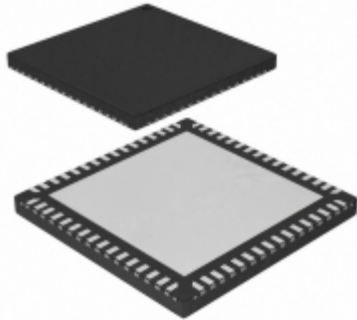


ATSAMS70J21B-MN





Part Number: [ATSAMS70J21B-MN](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 32BIT 2MB FLASH 64QFN

Data sheet:  [SAM E/S/V70,V71 Family Errata](#)
 [SAM E/S/V70,V71 Family Datasheet](#)

RoHs Status:

Ship From: Hong Kong

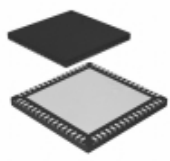
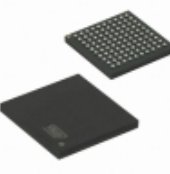
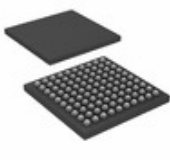
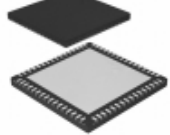
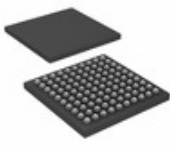
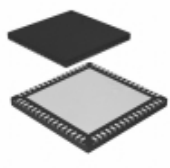
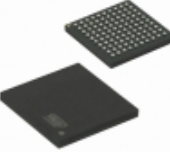
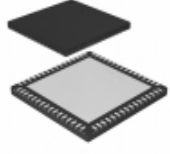
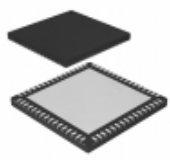
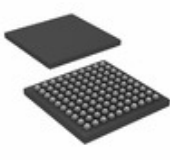
Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.
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PRODUCT PARAMETER			
Part Number	ATSAMS70J21B-MN	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 32BIT 2MB FLASH 64QFN	Lead Free Status / RoHS Status	
Quantity Available	9773 pcs	Data sheet	SAM E/S/V70,V71 Family Errata SAM E/S/V70,V71 Family Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.7 V ~ 3.6 V
Supplier Device Package	64-QFN (9x9)	Speed	300MHz
Series	SAM S70	RAM Size	384K x 8
Program Memory Type	FLASH	Program Memory Size	2MB (2M x 8)
Peripherals	Brown-out Detect/Reset, DMA, I ² S, POR, PWM, WDT	Packaging	Tray
Package / Case	64-VFQFN Exposed Pad	Oscillator Type	Internal
Operating Temperature	-40°C ~ 105°C (TA)	Number of I/O	44
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Manufacturer Standard Lead Time	6 Weeks
EEPROM Size	-	Detailed Description	ARM® Cortex®-M7 SAM S70 Microcontroller IC 32-Bit 300MHz 2MB (2M x 8) FLASH 64-QFN (9x9)
Data Converters	A/D 5x12b, D/A 1x12b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M7	Connectivity	I ² C, IrDA, LINbus, SPI, UART/USART, USB

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	Part#: ATSAMS70N20A-AN Description: IC MCU 32BIT 1MB FLASH 100LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATSAMS70J20B-AN Description: IC MCU 32BIT 1MB FLASH 64LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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