

ATSAMS70J21A-MNT



Part Number:

ATSAMS70J21A-MNT

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:

Lead free / RoHS Compliant

Ship From:

Hong Kong

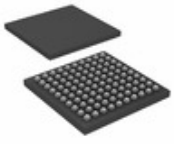
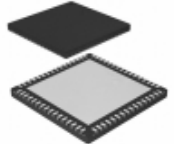
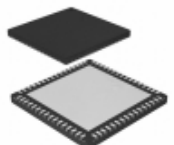
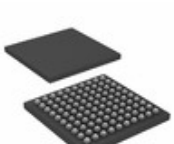
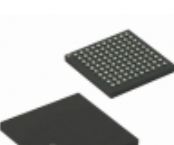
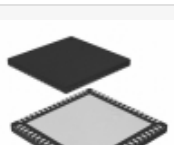
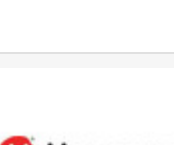
Shipment Way:

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PRODUCT PARAMETER			
Part Number	ATSAMS70J21A-MNT	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 32BIT 2MB FLASH 64QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	9617 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)	1.08 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, POR, PWM, WDT	Packaging	Cut Tape (CT)
Package / Case	64-VFQFN Exposed Pad	Other Names	ATSAMS70J21A-MNTCT
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	5 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
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	I²C, IrDA, LINbus, SPI, UART/USART, USB
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