




Micrel / Microchip Technology

ATSAMS70N21A-CN

Part Number:	ATSAMS70N21A-CN
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	IC MCU 32BIT 2MB FLASH 100TFBGA
Datasheets:	PDF 1.ATSAMS70N21A-CN.pdf PDF 2.ATSAMS70N21A-CN.pdf
RoHs Status:	 Lead free / RoHS Compliant
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.


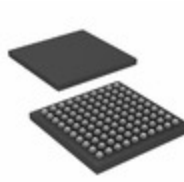
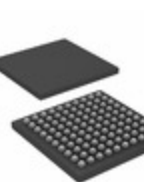
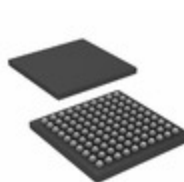
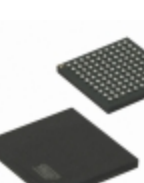

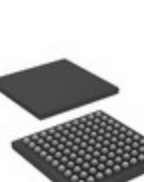
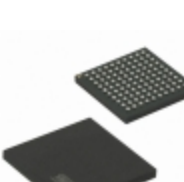
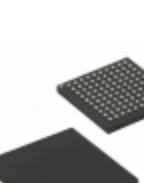



Specifications of ATSAMS70N21A-CN

PART NUMBER	ATSAMS70N21A-CN
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 2MB FLASH 100TFBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	PDF 1.ATSAMS70N21A-CN.pdf PDF 2.ATSAMS70N21A-CN.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.08 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	100-TFBGA (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	100-TFBGA
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 2MB (2M x 8) FLASH 100-TFBGA (9x9)
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	ATSAMS70N21

Related Tags

Micrel / Microchip Technology ATSAMS70N21A-CN	ATSAMS70N21A-CN Distributor	ATSAMS70N21A-CN Supplier
ATSAMS70N21A-CN Price	ATSAMS70N21A-CN Pictures	ATSAMS70N21A-CN Image
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Related Products

 <p>ATSAMS70N21A-ANT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 100LQFP In stock: Out stock RFQ</p>	 <p>ATSAMS70N21B-CFN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 100VFBGA In stock: 720 pcs RFQ</p>
 <p>ATSAMS70N21A-CFNT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 100VFBGA In stock: Out stock RFQ</p>	 <p>ATSAMS70N21B-CFNT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 100VFBGA In stock: Out stock RFQ</p>
 <p>ATSAMS70N20B-CNT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 100TFBGA In stock: Out stock RFQ</p>	 <p>ATSAMS70N21B-ANT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 100LQFP In stock: 989 pcs RFQ</p>
 <p>ATSAMS70N21A-CFN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 100VFBGA In stock: Out stock RFQ</p>	 <p>ATSAMS70N21B-CN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 100TFBGA In stock: 520 pcs RFQ</p>
 <p>ATSAMS70N21A-CNT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 100TFBGA In stock: Out stock RFQ</p>	 <p>ATSAMS70N21A-CFNT Manufacturers: Microchip Technology Description: IC MCU 32BIT 2MB FLASH 100VFBGA In stock: Out stock RFQ</p>
 <p>ATSAMS70N21A-AN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 100LQFP In stock: 80 pcs RFQ</p>	 <p>ATSAMS70N21B-AN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 100LQFP In stock: 450 pcs RFQ</p>