



Micrel / Microchip Technology

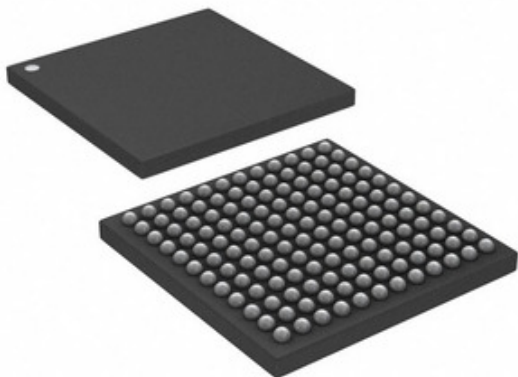


Image may be representation. See specifications for product details.

ATSAMS70Q21B-CNT

Part Number:	ATSAMS70Q21B-CNT
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 32BIT 2MB FLASH 144LFBGA
	 1.ATSAMS70Q21B-CNT.pdf
	 2.ATSAMS70Q21B-CNT.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

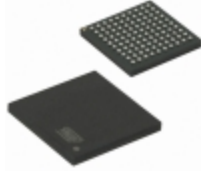
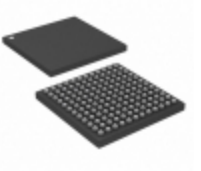
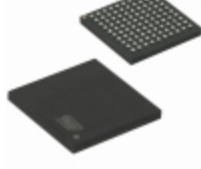
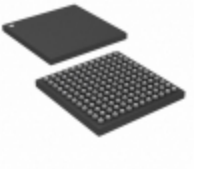
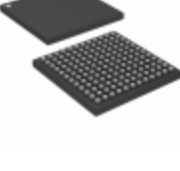
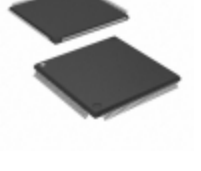
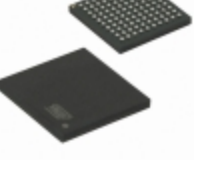
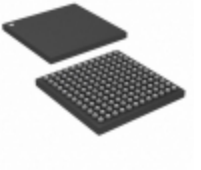
Specifications of ATSAMS70Q21B-CNT

PART NUMBER	ATSAMS70Q21B-CNT
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 2MB FLASH 144LFBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 1.ATSAMS70Q21B-CNT.pdf  2.ATSAMS70Q21B-CNT.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.08 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	144-LFBGA (10x10)
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, I²S, POR, PWM, WDT
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	144-LFBGA
OTHER NAMES	ATSAMS70Q21B-CNTTR
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	114
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 144-LFBGA (10x10)
DATA CONVERTERS	A/D 24x12b, D/A 2x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M7
CONNECTIVITY	EBI/EMI, I²C, IrDA, LINbus, MMC/SD/SDIO, SPI, UART/USART, USB

Related Tags

Micrel / Microchip Technology ATSAMS70Q21B-CNT	ATSAMS70Q21B-CNT Distributor	ATSAMS70Q21B-CNT Supplier
ATSAMS70Q21B-CNT Price	ATSAMS70Q21B-CNT Pictures	ATSAMS70Q21B-CNT Image
ATSAMS70Q21B-CNT PDF Datasheet	ATSAMS70Q21B-CNT Download Datasheet	ATSAMS70Q21B-CNT Datasheet
ATSAMS70Q21B-CNT Stock	Buy ATSAMS70Q21B-CNT	Buy Micrel / Microchip Technology ATSAMS70Q21B-CNT
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Related Products

 ATSAMV70N20B-CB Manufacturers: Micrel / Microchip Technology Description: FLASH, 384KB SRAM In stock: Out stock RFQ	 ATSAMS70Q21A-CNT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 144LFBGA In stock: Out stock RFQ
 ATSAMS70Q21B-ANT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 144LQFP In stock: Out stock RFQ	 ATSAMV70N20B-AABT Manufacturers: Micrel / Microchip Technology Description: FLASH, 384KB SRAM In stock: 865 pcs RFQ
 ATSAMV70N19B-CB Manufacturers: Micrel / Microchip Technology Description: FLASH SRAM In stock: 515 pcs RFQ	 ATSAMS70Q21B-CN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 144LFBGA In stock: 552 pcs RFQ
 ATSAMS70Q21B-CFN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 144FBGA In stock: 980 pcs RFQ	 ATSAMS70Q21B-AN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 144LQFP In stock: 475 pcs RFQ
 ATSAMV70N19B-AAB Manufacturers: Micrel / Microchip Technology Description: FLASH, 256KB SRAM In stock: 540 pcs RFQ	 ATSAMV70N19B-CBT Manufacturers: Micrel / Microchip Technology Description: FLASH RAM In stock: Out stock RFQ
 ATSAMV70N20B-AAB Manufacturers: Micrel / Microchip Technology Description: FLASH, 384KB SRAM In stock: 177 pcs RFQ	 ATSAMS70Q21B-CFNT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 144FBGA In stock: Out stock RFQ