



Micrel / Microchip Technology

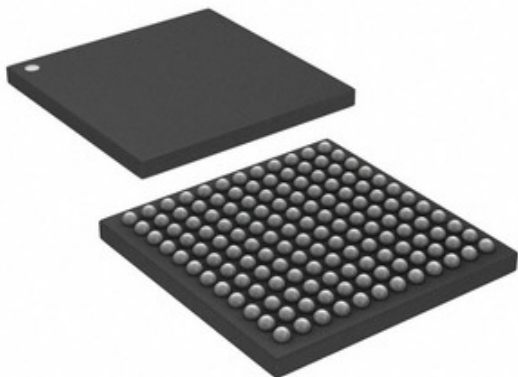


Image may be representation. See specifications for product details.

ATSAMS70Q21B-CN

Part Number:	ATSAMS70Q21B-CN
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 32BIT 2MB FLASH 144LFBGA
Datasheets:	PDF 1.ATSAMS70Q21B-CN.pdf PDF 2.ATSAMS70Q21B-CN.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	7779 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

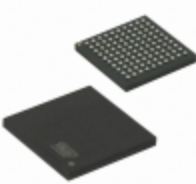
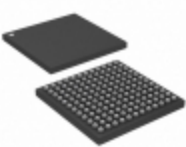
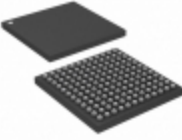
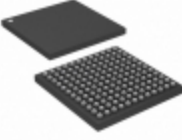
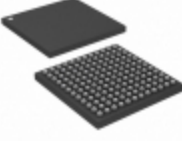
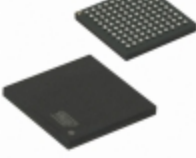
Specifications of ATSAMS70Q21B-CN

PART NUMBER	ATSAMS70Q21B-CN
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 2MB FLASH 144LFBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	7779 pcs
DATA SHEET	PDF 1.ATSAMS70Q21B-CN.pdf PDF 2.ATSAMS70Q21B-CN.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	Tray
PACKAGE / CASE	144-LFBGA
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	114
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
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-CN	ATSAMS70Q21B-CN Distributor	ATSAMS70Q21B-CN Supplier
ATSAMS70Q21B-CN Price	ATSAMS70Q21B-CN Pictures	ATSAMS70Q21B-CN Image
ATSAMS70Q21B-CN PDF Datasheet	ATSAMS70Q21B-CN Download Datasheet	ATSAMS70Q21B-CN Datasheet
ATSAMS70Q21B-CN Stock	Buy ATSAMS70Q21B-CN	Buy Micrel / Microchip Technology ATSAMS70Q21B-CN
Micrel / Microchip Technology ATSAMS70Q21B-CN	Micrel / Microchip Technology Supplier	Micrel / Microchip Technology Distributor
Micrel / Microchip Technology ATSAMS70Q21B-CN	Microchip Technology ATSAMS70Q21B-CN	Roving Networks / Microchip Technology ATSAMS70Q21B-CN

Related Products

 ATSAMV70N19B-CBT Manufacturers: Micrel / Microchip Technology Description: FLASH RAM In stock: 10729 pcs RFQ	 ATSAMS70Q21B-CFN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 144FBGA In stock: 8145 pcs RFQ
 ATSAMV70N20B-AAB Manufacturers: Micrel / Microchip Technology Description: FLASH, 384KB SRAM In stock: 8513 pcs RFQ	 ATSAMS70Q21B-ANT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 144LQFP In stock: 8375 pcs RFQ
 ATSAMS70Q21B-CNT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 144LFBGA In stock: 8455 pcs RFQ	 ATSAMV70N19B-AAB Manufacturers: Micrel / Microchip Technology Description: FLASH, 256KB SRAM In stock: 10754 pcs RFQ
 ATSAMS70Q21A-CNT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 144LFBGA In stock: 5998 pcs RFQ	 ATSAMS70Q21B-AN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 144LQFP In stock: 7700 pcs RFQ
 ATSAMS70Q21B-CFNT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 144FBGA In stock: 7643 pcs RFQ	 ATSAMS70Q21A-CNT Manufacturers: Microchip Technology Description: IC MCU 32BIT 2MB FLASH 144LFBGA In stock: 7232 pcs RFQ
 ATSAMV70N19B-CB Manufacturers: Micrel / Microchip Technology Description: FLASH SRAM In stock: 10180 pcs RFQ	 ATSAMV70N20B-AABT Manufacturers: Micrel / Microchip Technology Description: FLASH, 384KB SRAM In stock: 9648 pcs RFQ