



Micrel / Microchip Technology

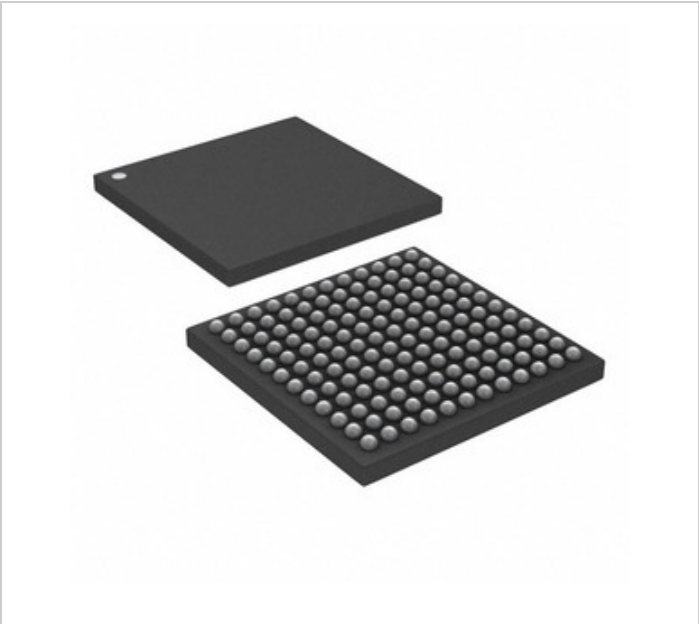


Image may be representation. See specifications for product details.

ATSAMS70Q21B-CFN

Part Number:	ATSAMS70Q21B-CFN
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 32BIT 2MB FLASH 144FBGA
Datasheets:	 ATSAMS70Q21B-CFN.pdf
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

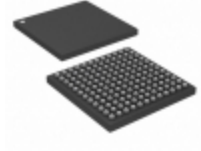
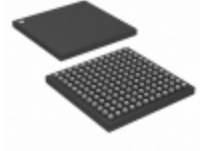
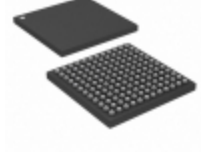
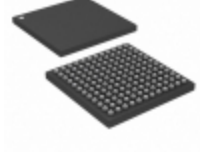
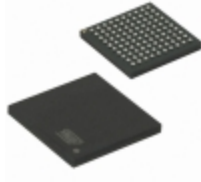
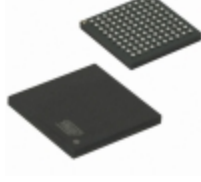
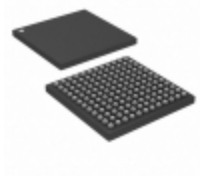
Specifications of ATSAMS70Q21B-CFN

PART NUMBER	ATSAMS70Q21B-CFN
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 2MB FLASH 144FBGA
LEAD FREE STATUS / ROHS STATUS	
DATA SHEET	 ATSAMS70Q21B-CFN.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.62 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
PACKAGE / CASE	144-FBGA
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
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 10x12b; D/A 2x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M7
CONNECTIVITY	CANbus, Ethernet, I²C, IrDA, LINbus, SPI, UART/USART, USB

Related Tags

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

 ATSAMS70Q21A-CN Manufacturers: Microchip Technology Description: IC MCU 32BIT 2MB FLASH 144LFBGA In stock: 14 pcs RFQ	 ATSAMS70Q21A-CNT Manufacturers: Microchip Technology Description: IC MCU 32BIT 2MB FLASH 144LFBGA In stock: 799 pcs RFQ
 ATSAMS70Q21A-CN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 144LFBGA In stock: 196 pcs RFQ	 ATSAMS70Q21B-CN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 144LFBGA In stock: 552 pcs RFQ
 ATSAMS70Q21B-ANT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 144LQFP In stock: Out stock RFQ	 ATSAMS70Q21B-AN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 144LQFP In stock: 475 pcs RFQ
 ATSAMS70Q21A-CNT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 144LFBGA In stock: Out stock RFQ	 ATSAMS70Q21B-CFNT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 144LFBGA In stock: Out stock RFQ
 ATSAMV70N19B-CB Manufacturers: Micrel / Microchip Technology Description: FLASH SRAM In stock: 515 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	 ATSAMS70Q21B-CNT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 144LFBGA In stock: Out stock RFQ