



ATSAMS70Q20B-CN

Part Number:	ATSAMS70Q20B-CN
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 32BIT 1MB FLASH 144LFBGA
Datasheets:	1.ATSAMS70Q20B-CN.pdf 2.ATSAMS70Q20B-CN.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

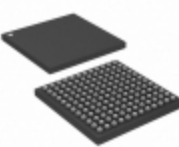
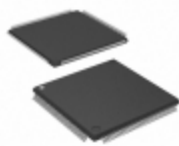
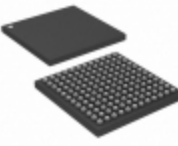
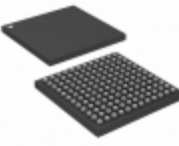
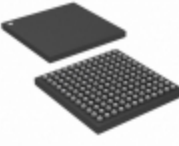
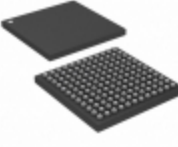
Specifications of ATSAMS70Q20B-CN

PART NUMBER	ATSAMS70Q20B-CN
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 1MB FLASH 144LFBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	PDF 1.ATSAMS70Q20B-CN.pdf PDF 2.ATSAMS70Q20B-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	1MB (1M 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)
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 1MB (1M 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 ATSAMS70Q20B-CN	ATSAMS70Q20B-CN Distributor	ATSAMS70Q20B-CN Supplier
ATSAMS70Q20B-CN Price	ATSAMS70Q20B-CN Pictures	ATSAMS70Q20B-CN Image
ATSAMS70Q20B-CN PDF Datasheet	ATSAMS70Q20B-CN Download Datasheet	ATSAMS70Q20B-CN Datasheet
ATSAMS70Q20B-CN Stock	Buy ATSAMS70Q20B-CN	Buy Micrel / Microchip Technology ATSAMS70Q20B-CN
Micrel / Microchip Technology ATSAMS70Q20B-CN	Micrel / Microchip Technology Supplier	Micrel / Microchip Technology Distributor
Micrel / Microchip Technology ATSAMS70Q20B-CN	Microchip Technology ATSAMS70Q20B-CN	Roving Networks / Microchip Technology ATSAMS70Q20B-CN

Related Products

 ATSAMS70Q21A-AN Manufacturers: Microchip Technology Description: IC MCU 32BIT 2MB FLASH 144LQFP In stock: Out stock RFQ	 ATSAMS70Q20A-CNT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 144LFBGA In stock: Out stock RFQ
 ATSAMS70Q21A-CFN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 144UFBGA In stock: 980 pcs RFQ	 ATSAMS70Q20B-AN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 144LQFP In stock: 477 pcs RFQ
 ATSAMS70Q20B-ANT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 144LQFP In stock: 800 pcs RFQ	 ATSAMS70Q21A-ANT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 144LQFP In stock: Out stock RFQ
 ATSAMS70Q20B-CFN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 144FBGA In stock: 980 pcs RFQ	 ATSAMS70Q20A-CN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 144LFBGA In stock: 164 pcs RFQ
 ATSAMS70Q21A-CFNT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 144UFBGA In stock: Out stock RFQ	 ATSAMS70Q20B-CFNT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 144FBGA In stock: Out stock RFQ
 ATSAMS70Q20B-CNT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 144LFBGA In stock: Out stock RFQ	 ATSAMS70Q21A-AN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 144LQFP In stock: 231 pcs RFQ