



Micrel / Microchip Technology

## ATSAMS70Q20B-CFNT

Part Number:	ATSAMS70Q20B-CFNT
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	IC MCU 32BIT 1MB FLASH 144FBGA
Datasheets:	<a href="#">PDF ATSAMS70Q20B-CFNT.pdf</a>
Stock Condition:	8689 pcs stock
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

**REQUEST FOR QUOTATION**

Image may be representation. See specifications for product details.

### Specifications of ATSAMS70Q20B-CFNT

PART NUMBER	ATSAMS70Q20B-CFNT
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 1MB FLASH 144FBGA
LEAD FREE STATUS / ROHS STATUS	
QUANTITY AVAILABLE	8689 pcs
DATA SHEET	<a href="#">PDF ATSAMS70Q20B-CFNT.pdf</a>
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	1MB (1M x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, I <sup>2</sup> S, POR, PWM, WDT
PACKAGING	Cut Tape (CT)
PACKAGE / CASE	144-FBGA
OTHER NAMES	ATSAMS70Q20B-CFNTCT
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	75
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
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 10x12b; D/A 2x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M7
CONNECTIVITY	CANbus, Ethernet, I <sup>2</sup> C, IrDA, LINbus, SPI, UART/USART, USB

### Related Tags

Micrel / Microchip Technology ATSAMS70Q20B-CFNT	ATSAMS70Q20B-CFNT Distributor	ATSAMS70Q20B-CFNT Supplier
ATSAMS70Q20B-CFNT Price	ATSAMS70Q20B-CFNT Pictures	ATSAMS70Q20B-CFNT Image
ATSAMS70Q20B-CFNT PDF Datasheet	ATSAMS70Q20B-CFNT Download Datasheet	ATSAMS70Q20B-CFNT Datasheet
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### Related Products

<p><b>ATSAMS70Q20A-CNT</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 144LFBGA In stock: 9833 pcs <a href="#">RFQ</a></p>	<p><b>ATSAMS70Q20B-CFN</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 144FBGA In stock: 9696 pcs <a href="#">RFQ</a></p>
<p><b>ATSAMS70Q21A-AN</b> Manufacturers: Microchip Technology Description: IC MCU 32BIT 2MB FLASH 144LQFP In stock: 6020 pcs <a href="#">RFQ</a></p>	<p><b>ATSAMS70Q21A-AN</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 144LQFP In stock: 8312 pcs <a href="#">RFQ</a></p>
<p><b>ATSAMS70Q20B-AN</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 144LQFP In stock: 9890 pcs <a href="#">RFQ</a></p>	<p><b>ATSAMS70Q20B-ANT</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 144LQFP In stock: 10206 pcs <a href="#">RFQ</a></p>
<p><b>ATSAMS70Q20B-CNT</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 144LFBGA In stock: 10437 pcs <a href="#">RFQ</a></p>	<p><b>ATSAMS70Q20A-CN</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 144LFBGA In stock: 8145 pcs <a href="#">RFQ</a></p>
<p><b>ATSAMS70Q21A-ANT</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 144LQFP In stock: 9887 pcs <a href="#">RFQ</a></p>	<p><b>ATSAMS70Q21A-CFN</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 144LFBGA In stock: 7462 pcs <a href="#">RFQ</a></p>
<p><b>ATSAMS70Q20A-CFNT</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 144LFBGA In stock: 10276 pcs <a href="#">RFQ</a></p>	<p><b>ATSAMS70Q20B-CN</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 144LFBGA In stock: 8836 pcs <a href="#">RFQ</a></p>