



Micrel / Microchip Technology

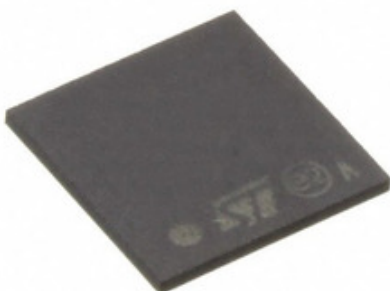


Image may be representation. See specifications for product details.

ATSAMS70Q19A-CFNT

Part Number:	ATSAMS70Q19A-CFNT
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 32BIT 512KB FLASH 144FBGA
	 1.ATSAMS70Q19A-CFNT.pdf
	 2.ATSAMS70Q19A-CFNT.pdf
Datasheets:	
RoHS Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

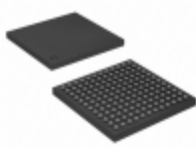
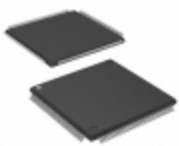
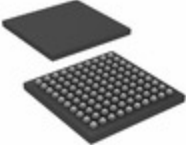
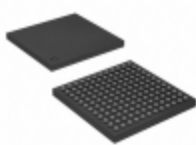
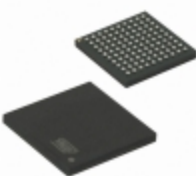
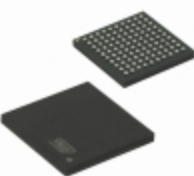
Specifications of ATSAMS70Q19A-CFNT

PART NUMBER	ATSAMS70Q19A-CFNT
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 512KB FLASH 144FBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 1.ATSAMS70Q19A-CFNT.pdf  2.ATSAMS70Q19A-CFNT.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.08 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	144-UFBGA (6x6)
SPEED	300MHz
SERIES	SAM S70
RAM SIZE	256K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	512KB (512K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT
PACKAGING	Cut Tape (CT)
PACKAGE / CASE	144-UFBGA
OTHER NAMES	ATSAMS70Q19A-CFNTCT
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	7 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M7 SAM S70 Microcontroller IC 32-Bit 300MHz 512KB (512K x 8) FLASH 144-UFBGA (6x6)
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 ATSAMS70Q19A-CFNT	ATSAMS70Q19A-CFNT Distributor	ATSAMS70Q19A-CFNT Supplier
ATSAMS70Q19A-CFNT Price	ATSAMS70Q19A-CFNT Pictures	ATSAMS70Q19A-CFNT Image
ATSAMS70Q19A-CFNT PDF Datasheet	ATSAMS70Q19A-CFNT Download Datasheet	ATSAMS70Q19A-CFNT Datasheet
ATSAMS70Q19A-CFNT Stock	Buy ATSAMS70Q19A-CFNT	Buy Micrel / Microchip Technology ATSAMS70Q19A-CFNT
Micrel / Microchip Technology ATSAMS70Q19A-CFNT	Micrel / Microchip Technology Supplier	Micrel / Microchip Technology Distributor
Micrel / Microchip Technology ATSAMS70Q19A-CFNT	Microchip Technology ATSAMS70Q19A-CFNT	Roving Networks / Microchip Technology ATSAMS70Q19A-CFNT

Related Products

 ATSAMS70Q19A-CN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 144BGA In stock: 184 pcs RFQ	 ATSAMS70Q20A-CFNT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 144UFBGA In stock: Out stock RFQ
 ATSAMS70Q19A-AN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 144LQFP In stock: 60 pcs RFQ	 ATSAMS70Q20A-ANT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 144LQFP In stock: Out stock RFQ
 ATSAMS70Q20A-AN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 144LQFP In stock: 31 pcs RFQ	 ATSAMS70N21B-CFNT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 100VFBGA In stock: Out stock RFQ
 ATSAMS70Q19A-CFN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 144FBGA In stock: Out stock RFQ	 ATSAMS70Q19A-ANT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 144LQFP In stock: Out stock RFQ
 ATSAMS70Q19A-CNT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 144BGA In stock: Out stock RFQ	 ATSAMS70Q20A-CFN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 144UFBGA In stock: 944 pcs RFQ
 ATSAMS70N21B-CNT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 100TFBGA In stock: Out stock RFQ	 ATSAMS70N21B-CN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 100TFBGA In stock: 520 pcs RFQ