



ATSAMS70Q19A-ANT

Part Number:	ATSAMS70Q19A-ANT
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 32BIT 512KB FLASH 144LQFP
Datasheets:	 1.ATSAMS70Q19A-ANT.pdf
	 2.ATSAMS70Q19A-ANT.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	13571 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

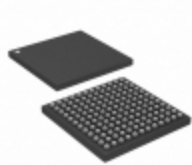
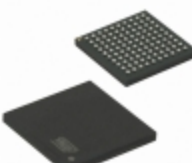
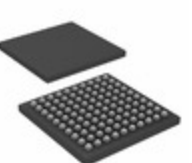
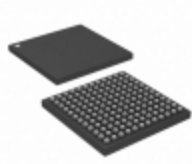
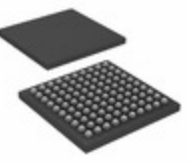
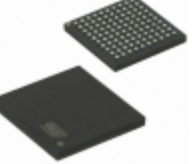
Specifications of ATSAMS70Q19A-ANT

PART NUMBER	ATSAMS70Q19A-ANT
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 512KB FLASH 144LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	13571 pcs
DATA SHEET	 1.ATSAMS70Q19A-ANT.pdf
	 2.ATSAMS70Q19A-ANT.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.08 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	144-LQFP (20x20)
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	Tape & Reel (TR)
PACKAGE / CASE	144-LQFP
OTHER NAMES	ATSAMS70Q19A-ANT-ND ATSAMS70Q19A-ANTTR
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 512KB (512K x 8) FLASH 144-LQFP (20x20)
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
BASE PART NUMBER	ATSAMS70Q19

Related Tags

Micrel / Microchip Technology ATSAMS70Q19A-ANT	ATSAMS70Q19A-ANT Distributor	ATSAMS70Q19A-ANT Supplier
ATSAMS70Q19A-ANT Price	ATSAMS70Q19A-ANT Pictures	ATSAMS70Q19A-ANT Image
ATSAMS70Q19A-ANT PDF Datasheet	ATSAMS70Q19A-ANT Download Datasheet	ATSAMS70Q19A-ANT Datasheet
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Related Products

 ATSAMS70Q19A-CNT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 144BGA In stock: 9970 pcs RFQ	 ATSAMS70Q20A-ANT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 144LQFP In stock: 10273 pcs RFQ
 ATSAMS70N21B-CNT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 100TFBGA In stock: 7858 pcs RFQ	 ATSAMS70N21B-CFN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 100VFBGA In stock: 8409 pcs RFQ
 ATSAMS70Q19A-CN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 144BGA In stock: 10510 pcs RFQ	 ATSAMS70Q19A-AN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 144LQFP In stock: 9409 pcs RFQ
 ATSAMS70Q20A-AN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 144LQFP In stock: 9779 pcs RFQ	 ATSAMS70Q19A-CFN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 144FBGA In stock: 13255 pcs RFQ
 ATSAMS70N21B-ANT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 100LQFP In stock: 7120 pcs RFQ	 ATSAMS70N21B-CFNT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 100VFBGA In stock: 8791 pcs RFQ
 ATSAMS70Q19A-CFNT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 144FBGA In stock: 11107 pcs RFQ	 ATSAMS70N21B-CN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 100TFBGA In stock: 6740 pcs RFQ