



ATSAMS70Q20A-AN

Part Number:	ATSAMS70Q20A-AN
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 32BIT 1MB FLASH 144LQFP
Datasheets:	1.ATSAMS70Q20A-AN.pdf 2.ATSAMS70Q20A-AN.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

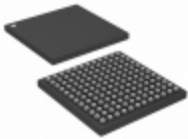
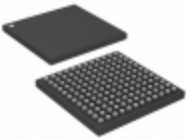
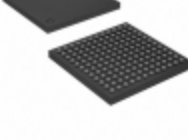
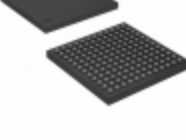
Specifications of ATSAMS70Q20A-AN

PART NUMBER	ATSAMS70Q20A-AN
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 1MB FLASH 144LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.ATSAMS70Q20A-AN.pdf 2.ATSAMS70Q20A-AN.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.08 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	144-LQFP (20x20)
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 ² S, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	144-LQFP
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-LQFP (20x20)
DATA CONVERTERS	A/D 24x12b, D/A 2x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M7
CONNECTIVITY	EBI/EMI, I ² C, IrDA, LINbus, MMC/SD/SDIO, SPI, UART/USART, USB
BASE PART NUMBER	ATSAMS70Q20

Related Tags

Micrel / Microchip Technology ATSAMS70Q20A-AN	ATSAMS70Q20A-AN Distributor	ATSAMS70Q20A-AN Supplier
ATSAMS70Q20A-AN Price	ATSAMS70Q20A-AN Pictures	ATSAMS70Q20A-AN Image
ATSAMS70Q20A-AN PDF Datasheet	ATSAMS70Q20A-AN Download Datasheet	ATSAMS70Q20A-AN Datasheet
ATSAMS70Q20A-AN Stock	Buy ATSAMS70Q20A-AN	Buy Micrel / Microchip Technology ATSAMS70Q20A-AN
Micrel / Microchip Technology ATSAMS70Q20A-AN	Micrel / Microchip Technology Supplier	Micrel / Microchip Technology Distributor
Micrel / Microchip Technology ATSAMS70Q20A-AN	Microchip Technology ATSAMS70Q20A-AN	Roving Networks / Microchip Technology ATSAMS70Q20A-AN

Related Products

 ATSAMS70Q20A-CFNT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 144UFBGA In stock: Out stock RFQ	 ATSAMS70Q19A-CFNT 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	 ATSAMS70Q20A-ANT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 144LQFP In stock: Out stock RFQ
 ATSAMS70Q20A-CN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 144LFBGA In stock: 164 pcs RFQ	 ATSAMS70Q20A-CNT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 144LFBGA In stock: Out stock RFQ
 ATSAMS70Q20A-CFN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 144UFBGA In stock: 944 pcs RFQ	 ATSAMS70Q20B-AN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 144LQFP In stock: 477 pcs RFQ
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