




Micrel / Microchip Technology

ATSAME70N20A-AN

Part Number:	ATSAME70N20A-AN
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	IC MCU 32BIT 1MB FLASH 100LQFP
Datasheets:	1.ATSAME70N20A-AN.pdf 2.ATSAME70N20A-AN.pdf
RoHs Status:	 Lead free / RoHS Compliant
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.


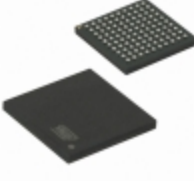
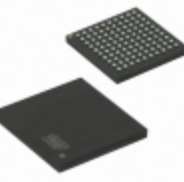
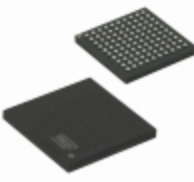



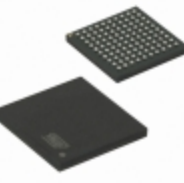
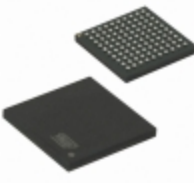
Specifications of ATSAME70N20A-AN

PART NUMBER	ATSAME70N20A-AN
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 1MB FLASH 100LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.ATSAME70N20A-AN.pdf 2.ATSAME70N20A-AN.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.62 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	100-LQFP (14x14)
SPEED	300MHz
SERIES	SAM E70
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	100-LQFP
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	75
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 E70 Microcontroller IC 32-Bit 300MHz 1MB (1M x 8) FLASH 100-LQFP (14x14)
DATA CONVERTERS	A/D 10x12b, D/A 2x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M7
CONNECTIVITY	CANbus, Ethernet, I ² C, IrDA, LINbus, MMC/SD/SDIO, SPI, UART/USART, USB
BASE PART NUMBER	ATSAME70N20

Related Tags

Micrel / Microchip Technology ATSAME70N20A-AN	ATSAME70N20A-AN Distributor	ATSAME70N20A-AN Supplier
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Related Products

 <p>ATSAME70N20B-ANT Manufacturers: Micrel / Microchip Technology Description: CM7,1024KB FLASH,384KB SRAM,LQFP In stock: 975 pcs RFQ</p>	 <p>ATSAME70N19A-ANT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: Out stock RFQ</p>
 <p>ATSAME70N19A-AN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: 232 pcs RFQ</p>	 <p>ATSAME70N20A-CN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 100TFBGA In stock: 260 pcs RFQ</p>
 <p>ATSAME70N20A-CNT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 100TFBGA In stock: Out stock RFQ</p>	 <p>ATSAME70N19B-CN Manufacturers: Micrel / Microchip Technology Description: CM7,512KB FLASH,256KB SRAM,BGA10 In stock: 780 pcs RFQ</p>
 <p>ATSAME70N20B-AN Manufacturers: Micrel / Microchip Technology Description: CM7,1024KB FLASH,384KB SRAM,LQFP In stock: 540 pcs RFQ</p>	 <p>ATSAME70N19B-CNT Manufacturers: Micrel / Microchip Technology Description: CM7,512KB FLASH,256KB SRAM In stock: Out stock RFQ</p>
 <p>ATSAME70N20A-CN Manufacturers: Microchip Technology Description: IC MCU 32BIT 1MB FLASH 100TFBGA In stock: 132 pcs RFQ</p>	 <p>ATSAME70N20A-ANT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 100LQFP In stock: Out stock RFQ</p>
 <p>ATSAME70N19A-CNT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 100BGA In stock: Out stock RFQ</p>	 <p>ATSAME70N19A-CN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 100BGA In stock: 761 pcs RFQ</p>

