




Micrel / Microchip Technology

ATSAME70J21B-AN

Part Number: **ATSAME70J21B-AN**
 Manufacturer/Brand: **Micrel / Microchip Technology**
 Product description: **IC MCU 32BIT 2MB FLASH 64LQFP**
 Datasheets: [1.ATSAME70J21B-AN.pdf](#)
[2.ATSAME70J21B-AN.pdf](#)
 RoHS Status:  **Lead free / RoHS Compliant**
 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 ATSAME70J21B-AN

PART NUMBER	ATSAME70J21B-AN
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 2MB FLASH 64LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.ATSAME70J21B-AN.pdf 2.ATSAME70J21B-AN.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.62 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	64-LQFP (10x10)
SPEED	300MHz
SERIES	SAM E70
RAM SIZE	384K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	2MB (2M x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, I ² S, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	64-LQFP
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	44
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	8 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M7 SAM E70 Microcontroller IC 32-Bit 300MHz 2MB (2M x 8) FLASH 64-LQFP (10x10)
DATA CONVERTERS	A/D 5x12b, D/A 1x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M7
CONNECTIVITY	CANbus, Ethernet, I ² C, IrDA, LINbus, SPI, UART/USART, USB

Related Tags

Micrel / Microchip Technology ATSAME70J21B-AN	ATSAME70J21B-AN Distributor	ATSAME70J21B-AN Supplier
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Related Products

 <p>ATSAME70N19B-CN Manufacturers: Micrel / Microchip Technology Description: CM7,512KB FLASH,256KB SRAM,BGA10 In stock: 780 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>ATSAME70J21A-AN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 64LQFP In stock: 154 pcs RFQ</p>
 <p>ATSAME70J20B-AN Manufacturers: Micrel / Microchip Technology Description: CM7,1024KB FLASH,384KB SRAM,LQFP In stock: 640 pcs RFQ</p>	 <p>ATSAME70N19A-CNT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 100BGA In stock: Out stock RFQ</p>
 <p>ATSAME70J20A-ANT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 64LQFP 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>
 <p>ATSAME70J21A-ANT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 64LQFP In stock: Out stock RFQ</p>	 <p>ATSAME70J20A-AN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 64LQFP In stock: 146 pcs RFQ</p>
 <p>ATSAME70J20B-ANT Manufacturers: Micrel / Microchip Technology Description: CM7,1024KB FLASH,384KB SRAM,LQFP In stock: Out stock RFQ</p>	 <p>ATSAME70J21B-ANT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 64LQFP In stock: Out stock RFQ</p>