



Micrel / Microchip Technology

ATSAME70J21B-ANT

Part Number:	ATSAME70J21B-ANT
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	IC MCU 32BIT 2MB FLASH 64LQFP
Datasheets:	1.ATSAME70J21B-ANT.pdf 2.ATSAME70J21B-ANT.pdf
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	8834 pcs stock
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 ATSAME70J21B-ANT

PART NUMBER	ATSAME70J21B-ANT
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 2MB FLASH 64LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	8834 pcs
DATA SHEET	1.ATSAME70J21B-ANT.pdf 2.ATSAME70J21B-ANT.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	Tape & Reel (TR)
PACKAGE / CASE	64-LQFP
OTHER NAMES	ATSAME70J21B-ANTTR
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	44
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
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

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Related Products

<p>ATSAME70J20B-AN Manufacturers: Micrel / Microchip Technology Description: CM7,1024KB FLASH,384KB SRAM,LQFP In stock: 9571 pcs RFQ</p>	<p>ATSAME70N19B-CN Manufacturers: Micrel / Microchip Technology Description: CM7,512KB FLASH,256KB SRAM,BGA10 In stock: 9158 pcs RFQ</p>
<p>ATSAME70J20B-ANT Manufacturers: Micrel / Microchip Technology Description: CM7,1024KB FLASH,384KB SRAM,LQFP In stock: 9092 pcs RFQ</p>	<p>ATSAME70N19A-CN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 100BGA In stock: 16823 pcs RFQ</p>
<p>ATSAME70J21B-AN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 64LQFP In stock: 7889 pcs RFQ</p>	<p>ATSAME70J20A-ANT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 64LQFP In stock: 10724 pcs RFQ</p>
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