

ATSAME70J20B-ANT



Part Number: [ATSAME70J20B-ANT](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: CM7,1024KB FLASH,384KB SRAM,LQFP

Data sheet:  [SAM E/S/V70,V71 Family Errata](#)
 [SAM E/S/V70,V71 Family Datasheet](#)

RoHs Status:

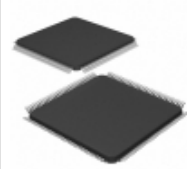
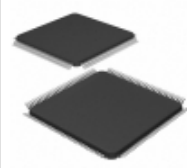
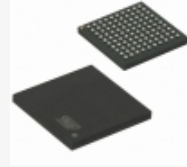
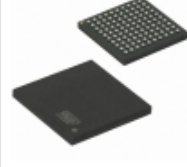
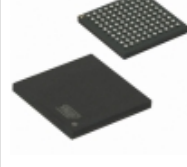
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Request For Quotation

PRODUCT PARAMETER			
Part Number	ATSAME70J20B-ANT	Manufacturer	Micrel / Microchip Technology
Description	CM7,1024KB FLASH,384KB SRAM,LQFP	Lead Free Status / RoHS Status	
Quantity Available	11700 pcs	Data sheet	SAM E/S/V70.V71 Family Errata SAM E/S/V70.V71 Family Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	Datasheet 1.7V ~ 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	1MB (1M x 8)
Peripherals	Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT	Packaging	Cut Tape (CT)
Package / Case	64-LQFP	Other Names	ATSAME70J20B-ANTCT
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	11 Weeks	EEPROM Size	-
Detailed Description	ARM® Cortex®-M7 SAM E70 Microcontroller IC 32-Bit 300MHz 1MB (1M 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, I²C, IrDA, LINbus, SPI, UART/USART, USB		
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	Part#: ATSAME70J20B-AN Description: CM7,1024KB FLASH,384KB SRAM,LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAME70-XPLD Description: XPLAINED ULTRA EVAL KIT SAME70	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAME70N19B-CNT Description: CM7,512KB FLASH,256KB SRAM	Manufacturers: Micrel / Microchip Technology	RFQ

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