

ATSAME70N20B-ANT



Part Number: [ATSAME70N20B-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:

Ship From: Hong Kong

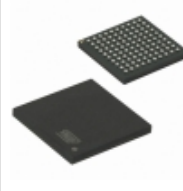
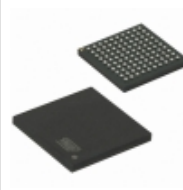
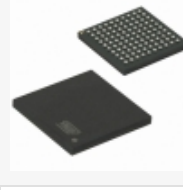
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PRODUCT PARAMETER			
Part Number	ATSAME70N20B-ANT	Manufacturer	Micrel / Microchip Technology
Description	CM7,1024KB FLASH,384KB SRAM,LQFP	Lead Free Status / RoHS Status	
Quantity Available	12644 pcs	Data sheet	SAM E/S/V70,V71 Family Errata SAM E/S/V70,V71 Family Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	Datasheet 1.7 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	Cut Tape (CT)
Package / Case	100-LQFP	Other Names	ATSAME70N20B-ANTCT
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	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, SPI, UART/USART, USB		

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