

ATSAMV70N20B-AAB



Part Number:

ATSAMV70N20B-AAB

Manufacturer:

Micrel / Microchip Technology

Description:

FLASH, 384KB SRAM

Data sheet:

 [SAM E/S/V70,V71 Family Errata](#)

 [SAM E/S/V70,V71 Family Datasheet](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

Shipment Way:

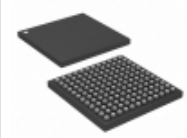
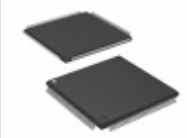
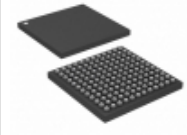
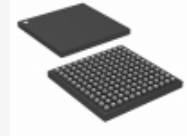
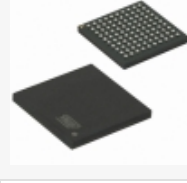
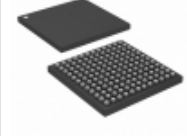
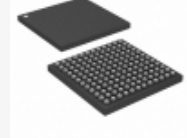
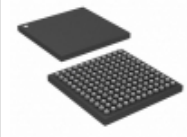
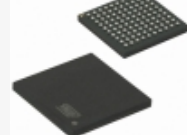
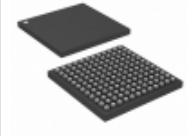
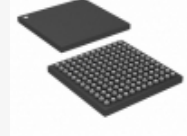
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See Product Specifications for product details.
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Request For Quotation

PRODUCT PARAMETER			
Part Number	ATSAMV70N20B-AAB	Manufacturer	Micrel / Microchip Technology
Description	FLASH, 384KB SRAM	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	10568 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)	3 V ~ 3.6 V
Supplier Device Package	100-LQFP (14x14)	Speed	300MHz
Series	Automotive, AEC-Q100, SAM V70	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)	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	ARM® Cortex®-M7 Automotive, AEC-Q100, SAM V70 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, I ² C, IrDA, LINbus, MMC/SD/SDIO, QSPI, SPI, SSC, UART/USART, USB

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	Part#: ATSAMV70N20B-CB Description: FLASH, 384KB SRAM	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMV70N19B-AAB Description: FLASH, 256KB SRAM	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMS70Q21A-CNT Description: IC MCU 32BIT 2MB FLASH 144LFBGA	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATSAMV70Q20B-CB Description: FLASH, 384KB SRAM	Manufacturers: Micrel / Microchip Technology	RFQ

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