



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

ATSAMV70N20B-AAB

Part Number:	ATSAMV70N20B-AAB
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	FLASH, 384KB SRAM
	 1.ATSAMV70N20B-AAB.pdf
	 2.ATSAMV70N20B-AAB.pdf
Datasheets:	 Lead free / RoHS Compliant
RoHs Status	Hong Kong
Ship From	
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

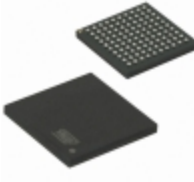
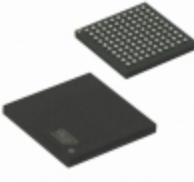
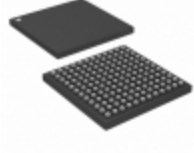
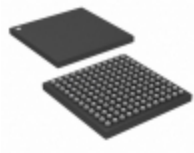
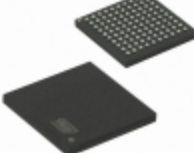
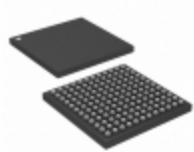
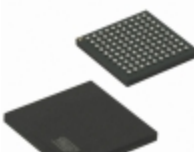
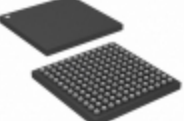
Specifications of ATSAMV70N20B-AAB

PART NUMBER	ATSAMV70N20B-AAB
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	FLASH, 384KB SRAM
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 1.ATSAMV70N20B-AAB.pdf  2.ATSAMV70N20B-AAB.pdf
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, I²S, 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, I²C, IrDA, LINbus, MMC/SD/SDIO, QSPI, SPI, SSC, UART/USART, USB

Related Tags

Micrel / Microchip Technology ATSAMV70N20B-AAB	ATSAMV70N20B-AAB Distributor	ATSAMV70N20B-AAB Supplier
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Related Products

 ATSAMV70N20B-AABT Manufacturers: Micrel / Microchip Technology Description: FLASH, 384KB SRAM In stock: 865 pcs RFQ	 ATSAMV70Q19B-AABT Manufacturers: Micrel / Microchip Technology Description: FLASH, 256KB SRAM In stock: 800 pcs RFQ
 ATSAMV70N20B-CB Manufacturers: Micrel / Microchip Technology Description: FLASH, 384KB SRAM In stock: Out stock RFQ	 ATSAMV70N19B-CB Manufacturers: Micrel / Microchip Technology Description: FLASH SRAM In stock: 515 pcs RFQ
 ATSAMS70Q21B-CFNT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 144FBGA In stock: Out stock RFQ	 ATSAMV70Q19B-AAB Manufacturers: Micrel / Microchip Technology Description: FLASH, 256KB SRAM In stock: 600 pcs RFQ
 ATSAMS70Q21B-CNT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 144LFBGA In stock: Out stock RFQ	 ATSAMV70N19B-CBT Manufacturers: Micrel / Microchip Technology Description: FLASH RAM In stock: Out stock RFQ
 ATSAMV70Q19B-CB Manufacturers: Micrel / Microchip Technology Description: FLASH, 256KB SRAM In stock: 720 pcs RFQ	 ATSAMV70N19B-AAB Manufacturers: Micrel / Microchip Technology Description: FLASH, 256KB SRAM In stock: 540 pcs RFQ
 ATSAMV70N20B-CBT Manufacturers: Micrel / Microchip Technology Description: FLASH, 384KB SRAM In stock: Out stock RFQ	 ATSAMS70Q21B-CN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 144LFBGA In stock: 552 pcs RFQ