



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

ATSAMV70Q20B-AABT

Part Number:	ATSAMV70Q20B-AABT
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	FLASH, 384KB SRAM
Datasheets:	PDF 1.ATSAMV70Q20B-AABT.pdf PDF 2.ATSAMV70Q20B-AABT.pdf
RoHs Status	RoHS Lead free / RoHS Compliant
Stock Condition	9872 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

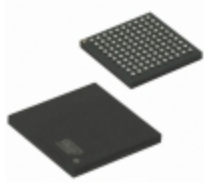
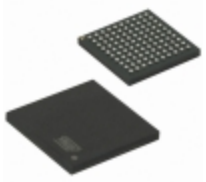
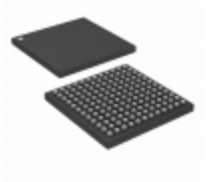
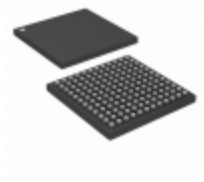
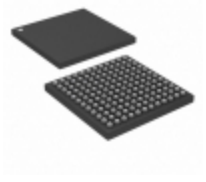
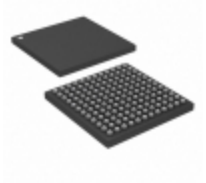
Specifications of ATSAMV70Q20B-AABT

PART NUMBER	ATSAMV70Q20B-AABT
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	FLASH, 384KB SRAM
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	9872 pcs
DATA SHEET	PDF 1.ATSAMV70Q20B-AABT.pdf PDF 2.ATSAMV70Q20B-AABT.pdf
VOLTAGE - SUPPLY (VCC/VDD)	3 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	144-LQFP (20x20)
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	Tape & Reel (TR)
PACKAGE / CASE	144-LQFP
OTHER NAMES	ATSAMV70Q20B-AABT-TR
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	114
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 144-LQFP (20x20)
DATA CONVERTERS	A/D 24x12b, D/A 2x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M7
CONNECTIVITY	CANbus, EBI/EMI, I²C, IrDA, LINbus, MMC/SD/SDIO, QSPI, SPI, SSC, UART/USART, USB

Related Tags

Micrel / Microchip Technology ATSAMV70Q20B-AABT	ATSAMV70Q20B-AABT Distributor	ATSAMV70Q20B-AABT Supplier
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Related Products

 ATSAMV71N19B-CB Manufacturers: Micrel / Microchip Technology Description: FLASH SRAM In stock: 8531 pcs RFQ	 ATSAMV70Q19B-AABT Manufacturers: Micrel / Microchip Technology Description: FLASH, 256KB SRAM In stock: 9760 pcs RFQ
 ATSAMV70Q19B-AAB Manufacturers: Micrel / Microchip Technology Description: FLASH, 256KB SRAM In stock: 9494 pcs RFQ	 ATSAMV70N20B-CBT Manufacturers: Micrel / Microchip Technology Description: FLASH, 384KB SRAM In stock: 11962 pcs RFQ
 ATSAMV71-XULT Manufacturers: Micrel / Microchip Technology Description: EVAL KIT FOR SAM V71/V70/E70/S70 In stock: 501 pcs RFQ	 ATSAMV70Q19B-CBT Manufacturers: Micrel / Microchip Technology Description: FLASH, 256KB SRAM In stock: 10988 pcs RFQ
 ATSAMV70Q19B-CB Manufacturers: Micrel / Microchip Technology Description: FLASH, 256KB SRAM In stock: 10002 pcs RFQ	 ATSAMV70Q20B-CBT Manufacturers: Micrel / Microchip Technology Description: FLASH, 384KB SRAM In stock: 9648 pcs RFQ
 ATSAMV71N19B-AAB Manufacturers: Micrel / Microchip Technology Description: FLASH, 256KB SRAM In stock: 10466 pcs RFQ	 ATSAMV71N19B-AABT Manufacturers: Micrel / Microchip Technology Description: FLASH, 256KB SRAM In stock: 12807 pcs RFQ
 ATSAMV70Q20B-AAB Manufacturers: Micrel / Microchip Technology Description: FLASH, 384KB SRAM In stock: 9128 pcs RFQ	 ATSAMV70Q20B-CB Manufacturers: Micrel / Microchip Technology Description: FLASH, 384KB SRAM In stock: 7361 pcs RFQ