



Micrel / Microchip Technology



ATSAMV71Q21B-AAB

Part Number:	ATSAMV71Q21B-AAB
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	FLASH
	 1.ATSAMV71Q21B-AAB.pdf  2.ATSAMV71Q21B-AAB.pdf
Datasheets:	 Lead free / RoHS Compliant
RoHs Status	5826 pcs stock
Stock Condition	Hong Kong
Ship From	DHL/Fedex/TNT/UPS/EMS
Shipment Way	

REQUEST FOR QUOTATION

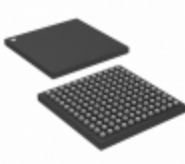
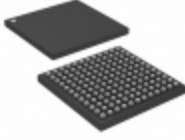
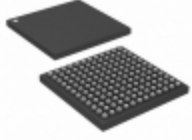
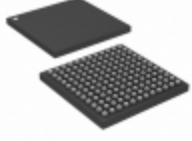
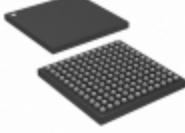
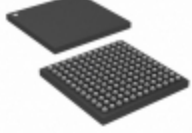
Specifications of ATSAMV71Q21B-AAB

PART NUMBER	ATSAMV71Q21B-AAB
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	FLASH
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	5826 pcs
DATA SHEET	 1.ATSAMV71Q21B-AAB.pdf  2.ATSAMV71Q21B-AAB.pdf
VOLTAGE - SUPPLY (VCC/VDD)	3 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	144-LQFP (20x20)
SPEED	300MHz
SERIES	Automotive, AEC-Q100, SAM V71
RAM SIZE	384K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	2MB (2M x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	144-LQFP
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 V71 Microcontroller IC 32-Bit 300MHz 2MB (2M 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, Ethernet, I²C, IrDA, LINbus, MMC/SD/SDIO, QSPI, SPI, SSC, UART/USART, USB

Related Tags

Micrel / Microchip Technology ATSAMV71Q21B-AAB	ATSAMV71Q21B-AAB Distributor	ATSAMV71Q21B-AAB Supplier
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Related Products

 ATSAMV71Q21B-CB Manufacturers: Micrel / Microchip Technology Description: FLASH, 384KB SRAM In stock: 6623 pcs RFQ	 ATSAMV71Q20B-AABT Manufacturers: Micrel / Microchip Technology Description: FLASH, 384KB SRAM In stock: 8964 pcs RFQ
 ATSAMW25-XPRO Manufacturers: Micrel / Microchip Technology Description: EVAL BOARD ATSAMW25-XPRO In stock: 2425 pcs RFQ	 ATSAMV71Q21B-AABT Manufacturers: Micrel / Microchip Technology Description: FLASH In stock: 8939 pcs RFQ
 ATSAMV71Q20B-AAB Manufacturers: Micrel / Microchip Technology Description: FLASH, 384KB SRAM In stock: 8797 pcs RFQ	 ATSAMW25H18-MR210PB Manufacturers: Micrel / Microchip Technology Description: RF TXRX MODULE WIFI TRACE ANT In stock: 5025 pcs RFQ
 ATSAMV71Q19B-CBT Manufacturers: Micrel / Microchip Technology Description: FLASH, 256KB SRAM In stock: 7839 pcs RFQ	 ATSAMV71Q19B-CB Manufacturers: Micrel / Microchip Technology Description: FLASH, 256KB SRAM In stock: 7469 pcs RFQ
 ATSAMW25H18-MR210PA Manufacturers: Micrel / Microchip Technology Description: RF TXRX MODULE WIFI TRACE ANT In stock: 3555 pcs RFQ	 ATSAMV71Q21B-CBT Manufacturers: Micrel / Microchip Technology Description: SMART SAM V71 144TFBGA In stock: 6887 pcs RFQ
 ATSAMV71Q20B-CB Manufacturers: Micrel / Microchip Technology Description: FLASH In stock: 6510 pcs RFQ	 ATSAMV71Q20B-CBT Manufacturers: Micrel / Microchip Technology Description: FLASH, 384KB SRAM In stock: 8422 pcs RFQ