



Micrel / Microchip Technology

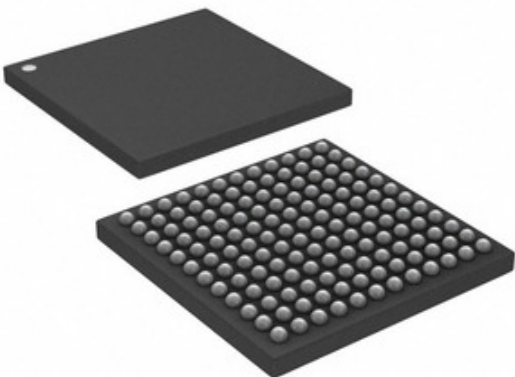


Image may be representation. See specifications for product details.

ATSAMV71Q19B-CBT

Part Number:	ATSAMV71Q19B-CBT
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	FLASH, 256KB SRAM
Datasheets:	 1.ATSAMV71Q19B-CBT.pdf  2.ATSAMV71Q19B-CBT.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	7839 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

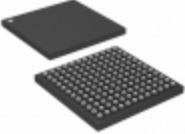
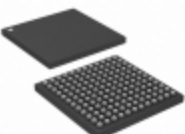
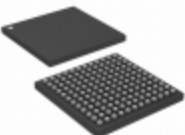
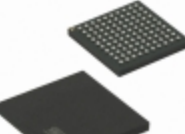
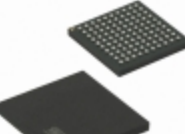
Specifications of ATSAMV71Q19B-CBT

PART NUMBER	ATSAMV71Q19B-CBT
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	FLASH, 256KB SRAM
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	7839 pcs
DATA SHEET	 1.ATSAMV71Q19B-CBT.pdf  2.ATSAMV71Q19B-CBT.pdf
VOLTAGE - SUPPLY (VCC/VDD)	3 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	144-TFBGA (10x10)
SPEED	300MHz
SERIES	Automotive, AEC-Q100, SAM V71
RAM SIZE	256K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	512KB (512K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT
PACKAGING	Cut Tape (CT)
PACKAGE / CASE	144-TFBGA
OTHER NAMES	ATSAMV71Q19B-CBT-CT
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 512KB (512K x 8) FLASH 144-TFBGA (10x10)
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

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 ATSAMV71Q21B-AABT Manufacturers: Micrel / Microchip Technology Description: FLASH In stock: 8939 pcs RFQ	 ATSAMV71N21B-AABT Manufacturers: Micrel / Microchip Technology Description: FLASH, 384KB SRAM In stock: 8845 pcs RFQ
 ATSAMV71Q19B-AAB Manufacturers: Micrel / Microchip Technology Description: FLASH, 256KB SRAM In stock: 8357 pcs RFQ	 ATSAMV71Q20B-AABT Manufacturers: Micrel / Microchip Technology Description: FLASH, 384KB SRAM In stock: 8964 pcs RFQ
 ATSAMV71Q20B-CB Manufacturers: Micrel / Microchip Technology Description: FLASH In stock: 6510 pcs RFQ	 ATSAMV71Q19B-AABT Manufacturers: Micrel / Microchip Technology Description: FLASH, 256KB SRAM In stock: 9593 pcs RFQ
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 ATSAMV71N21B-CB Manufacturers: Micrel / Microchip Technology Description: FLASH, 384KB SRAM In stock: 7193 pcs RFQ	 ATSAMV71N21B-CBT Manufacturers: Micrel / Microchip Technology Description: FLASH, 384KB SRAM In stock: 5782 pcs RFQ