



ATSAMV71Q21B-CBT

Part Number:	ATSAMV71Q21B-CBT
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	SMART SAM V71 144TFBGA
Datasheets:	PDF 1.ATSAMV71Q21B-CBT.pdf PDF 2.ATSAMV71Q21B-CBT.pdf
RoHs Status	RoHS Lead free / RoHS Compliant
Stock Condition	6887 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

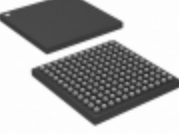
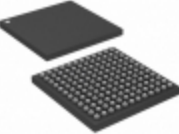
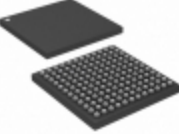
Specifications of ATSAMV71Q21B-CBT

PART NUMBER	ATSAMV71Q21B-CBT
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	SMART SAM V71 144TFBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	6887 pcs
DATA SHEET	PDF 1.ATSAMV71Q21B-CBT.pdf PDF 2.ATSAMV71Q21B-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	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	Cut Tape (CT)
PACKAGE / CASE	144-TFBGA
OTHER NAMES	ATSAMV71Q21B-CBTCT
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-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

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

 ATSAMW25H18-MR210PB1944 Manufacturers: Micrel / Microchip Technology Description: SMARTCONNECT MODULE In stock: 5704 pcs RFQ	 ATSAMW25H18-MR210PB1954 Manufacturers: Micrel / Microchip Technology Description: MODULE In stock: 7201 pcs RFQ
 ATSAMW25H18-MR210PB1952 Manufacturers: Micrel / Microchip Technology Description: SMARTCONNECT MODULE In stock: 8790 pcs RFQ	 ATSAMV71Q21B-AAB Manufacturers: Micrel / Microchip Technology Description: FLASH In stock: 5826 pcs RFQ
 ATSAMV71Q20B-CB Manufacturers: Micrel / Microchip Technology Description: FLASH In stock: 6510 pcs RFQ	 ATSAMV71Q20B-AABT Manufacturers: Micrel / Microchip Technology Description: FLASH, 384KB SRAM In stock: 8964 pcs RFQ
 ATSAMW25H18-MR210PB Manufacturers: Micrel / Microchip Technology Description: RF TXRX MODULE WIFI TRACE ANT In stock: 5025 pcs RFQ	 ATSAMV71Q21B-AABT Manufacturers: Micrel / Microchip Technology Description: FLASH In stock: 8939 pcs RFQ
 ATSAMV71Q20B-CBT Manufacturers: Micrel / Microchip Technology Description: FLASH, 384KB SRAM In stock: 8422 pcs RFQ	 ATSAMW25-XPRO Manufacturers: Micrel / Microchip Technology Description: EVAL BOARD ATSAMW25-XPRO In stock: 2425 pcs RFQ
 ATSAMV71Q21B-CB Manufacturers: Micrel / Microchip Technology Description: FLASH, 384KB SRAM In stock: 6623 pcs RFQ	 ATSAMW25H18-MR210PA Manufacturers: Micrel / Microchip Technology Description: RF TXRX MODULE WIFI TRACE ANT In stock: 3555 pcs RFQ