



Micrel / Microchip Technology

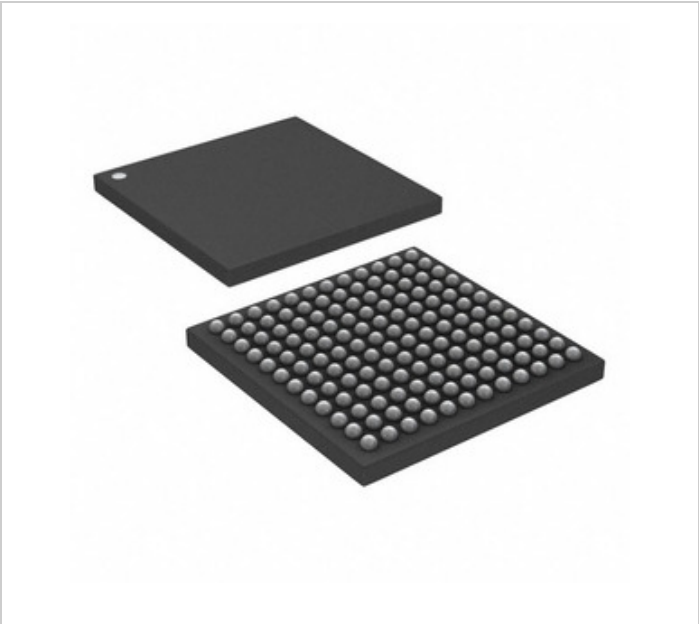


Image may be representation. See specifications for product details.

ATSAM4E8EB-CN

Part Number:	ATSAM4E8EB-CN
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 32BIT 512KB FLASH 144BGA
Datasheets:	 ATSAM4E8EB-CN.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	11454 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

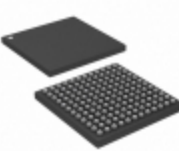
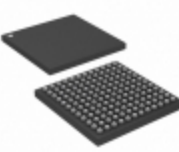
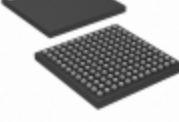
Specifications of ATSAM4E8EB-CN

PART NUMBER	ATSAM4E8EB-CN
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 512KB FLASH 144BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	11454 pcs
DATA SHEET	 ATSAM4E8EB-CN.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.62 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	144-LFBGA (10x10)
SPEED	120MHz
SERIES	SAM4E
RAM SIZE	128K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	512KB (512K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	144-LFBGA
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	117
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M4 SAM4E Microcontroller IC 32-Bit 120MHz 512KB (512K x 8) FLASH 144-LFBGA (10x10)
DATA CONVERTERS	A/D 16x12b, D/A 2x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	CANbus, EBI/EMI, Ethernet, IrDA, SD, SPI, UART/USART, USB

Related Tags

Micrel / Microchip Technology ATSAM4E8EB-CN	ATSAM4E8EB-CN Distributor	ATSAM4E8EB-CN Supplier
ATSAM4E8EB-CN Price	ATSAM4E8EB-CN Pictures	ATSAM4E8EB-CN Image
ATSAM4E8EB-CN PDF Datasheet	ATSAM4E8EB-CN Download Datasheet	ATSAM4E8EB-CN Datasheet
ATSAM4E8EB-CN Stock	Buy ATSAM4E8EB-CN	Buy Micrel / Microchip Technology ATSAM4E8EB-CN
Micrel / Microchip Technology ATSAM4E8EB-CN	Micrel / Microchip Technology Supplier	Micrel / Microchip Technology Distributor
Micrel / Microchip Technology ATSAM4E8EB-CN	Microchip Technology ATSAM4E8EB-CN	Roving Networks / Microchip Technology ATSAM4E8EB-CN

Related Products

 ATSAM4E8EB-ANR Manufacturers: Micrel / Microchip Technology Description: SRAM In stock: 16391 pcs RFQ	 ATSAM4E8EA-CUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 144BGA In stock: 14125 pcs RFQ
 ATSAM4E8EA-CU Manufacturers: Microchip Technology Description: IC MCU 32BIT 512KB FLASH 144BGA In stock: 12803 pcs RFQ	 ATSAM4E8EA-CU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 144BGA In stock: 10498 pcs RFQ
 ATSAM4L8-XPRO Manufacturers: Micrel / Microchip Technology Description: SAM4L XPLAINED PRO EVAL KIT In stock: 1555 pcs RFQ	 ATSAM4E8EB-AN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 144LQFP In stock: 10943 pcs RFQ
 ATSAM4E8EA-CUR Manufacturers: Microchip Technology Description: IC MCU 32BIT 512KB FLASH 144BGA In stock: 13506 pcs RFQ	 ATSAM4L-EK Manufacturers: Micrel / Microchip Technology Description: EVAL KIT FOR SAM4LC CORTEX In stock: 522 pcs RFQ
 ATSAM4L-XSTK Manufacturers: Micrel / Microchip Technology Description: SAM4L XPLAINED PRO STARTER KIT In stock: 4031 pcs RFQ	 ATSAM4E8EB-CNR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 144BGA In stock: 14145 pcs RFQ
 ATSAM4L-XPRO Manufacturers: Micrel / Microchip Technology Description: SAM4L XPLAINED PRO EVAL KIT In stock: 3247 pcs RFQ	 ATSAM4L8-XSTK Manufacturers: Micrel / Microchip Technology Description: SAM4L XPLAINED PRO STARTER KIT In stock: 798 pcs RFQ