


MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

ATSAM4E8EB-AN

Part Number:	ATSAM4E8EB-AN
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 32BIT 512KB FLASH 144LQFP
Datasheets:	 ATSAM4E8EB-AN.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	10943 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

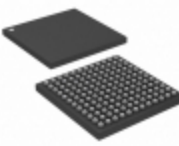
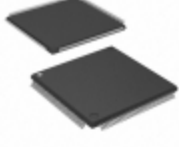
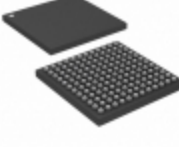
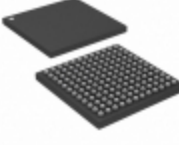
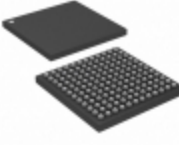
Specifications of ATSAM4E8EB-AN

PART NUMBER	ATSAM4E8EB-AN
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 512KB FLASH 144LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	10943 pcs
DATA SHEET	 ATSAM4E8EB-AN.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.62 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	144-LQFP (20x20)
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-LQFP
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-LQFP (20x20)
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-AN	ATSAM4E8EB-AN Distributor	ATSAM4E8EB-AN Supplier
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Related Products

 ATSAM4E8EA-AUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 144LQFP In stock: 11580 pcs RFQ	 ATSAM4E8EA-CU Manufacturers: Microchip Technology Description: IC MCU 32BIT 512KB FLASH 144BGA In stock: 12803 pcs RFQ
 ATSAM4L-XPRO Manufacturers: Micrel / Microchip Technology Description: SAM4L XPLAINED PRO EVAL KIT In stock: 3247 pcs RFQ	 ATSAM4E8EA-CU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 144BGA In stock: 10498 pcs RFQ
 ATSAM4E8EA-AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 144LQFP In stock: 10645 pcs RFQ	 ATSAM4E8EB-CNR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 144BGA In stock: 14145 pcs RFQ
 ATSAM4L-EK Manufacturers: Micrel / Microchip Technology Description: EVAL KIT FOR SAM4LC CORTEX In stock: 522 pcs RFQ	 ATSAM4E8EA-CUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 144BGA In stock: 14125 pcs RFQ
 ATSAM4L-XSTK Manufacturers: Micrel / Microchip Technology Description: SAM4L XPLAINED PRO STARTER KIT In stock: 4031 pcs RFQ	 ATSAM4E8EB-CN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 144BGA In stock: 11454 pcs RFQ
 ATSAM4E8EA-CUR Manufacturers: Microchip Technology Description: IC MCU 32BIT 512KB FLASH 144BGA In stock: 13506 pcs RFQ	 ATSAM4E8EB-ANR Manufacturers: Micrel / Microchip Technology Description: SRAM In stock: 16391 pcs RFQ