



Micrel / Microchip Technology

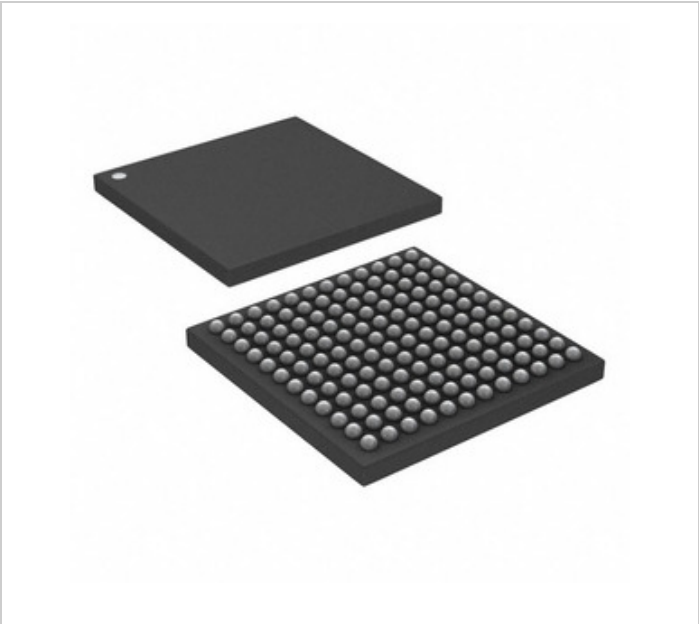


Image may be representation. See specifications for product details.

ATSAM4E16EB-CN

Part Number:	ATSAM4E16EB-CN
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 32BIT 1MB FLASH 144LFBGA
Datasheets:	 ATSAM4E16EB-CN.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

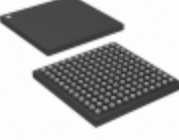
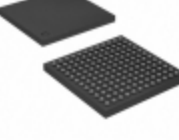
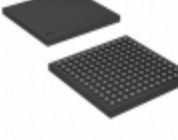
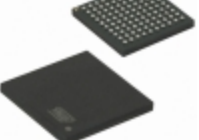
Specifications of ATSAM4E16EB-CN

PART NUMBER	ATSAM4E16EB-CN
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 1MB FLASH 144LFBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 ATSAM4E16EB-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	1MB (1M x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, POR, PWM, WDT
PACKAGING	Bulk
PACKAGE / CASE	144-LFBGA
OTHER NAMES	1611-ATSAM4E16EB-CN
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	117
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	2 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M4 SAM4E Microcontroller IC 32-Bit 120MHz 1MB (1M 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 ATSAM4E16EB-CN	ATSAM4E16EB-CN Distributor	ATSAM4E16EB-CN Supplier
ATSAM4E16EB-CN Price	ATSAM4E16EB-CN Pictures	ATSAM4E16EB-CN Image
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Related Products

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 ATSAM4E16EB-AN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 144LQFP In stock: 476 pcs RFQ	 ATSAM4E16EA-AUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 144LQFP In stock: Out stock RFQ
 ATSAM4E8CA-AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: 633 pcs RFQ	 ATSAM4E16EB-AN Manufacturers: Microchip Technology Description: IC MCU 32BIT 1MB FLASH 144LQFP In stock: 215 pcs RFQ
 ATSAM4E16EB-CNR Manufacturers: Micrel / Microchip Technology Description: SRAM In stock: Out stock RFQ	 ATSAM4E8CA-AUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: Out stock RFQ
 ATSAM4E16EA-CU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 144LFBGA In stock: 162 pcs RFQ	 ATSAM4E16EA-CUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 144LFBGA In stock: Out stock RFQ
 ATSAM4E8CA-CU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 100BGA In stock: Out stock RFQ	 ATSAM4E8CA-ANR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: Out stock RFQ