



Micrel / Microchip Technology

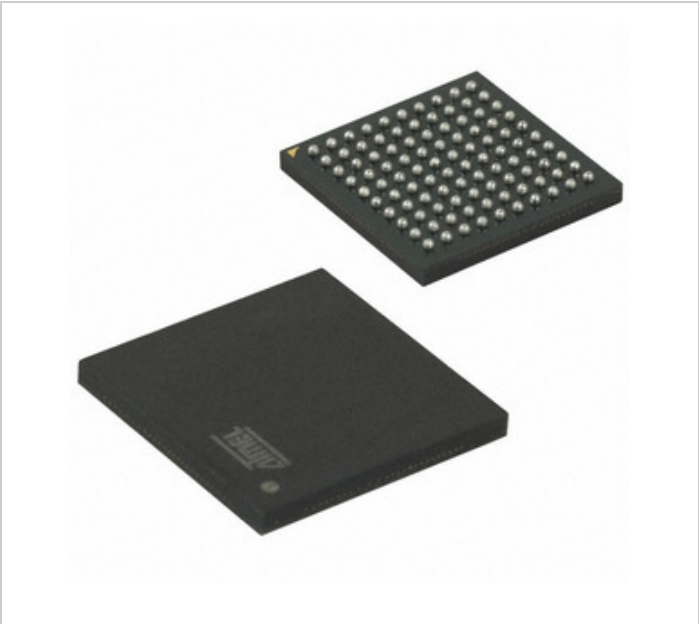


Image may be representation. See specifications for product details.

ATSAM4E8CA-CU

Part Number:	ATSAM4E8CA-CU
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 32BIT 512KB FLASH 100BGA
Datasheets:	PDF 1.ATSAM4E8CA-CU.pdf PDF 2.ATSAM4E8CA-CU.pdf
RoHs Status	RoHS Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

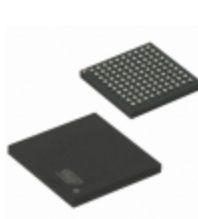
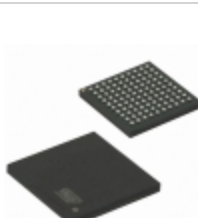
Specifications of ATSAM4E8CA-CU

PART NUMBER	ATSAM4E8CA-CU
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 512KB FLASH 100BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	PDF 1.ATSAM4E8CA-CU.pdf PDF 2.ATSAM4E8CA-CU.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.62 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	100-TFBGA (9x9)
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	100-TFBGA
OTHER NAMES	1611-ATSAM4E8CA-CU
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	79
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	19 Weeks
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 100-TFBGA (9x9)
DATA CONVERTERS	A/D 16x12b, D/A 2x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	CANbus, Ethernet, IrDA, MMC/SD, SPI, UART/USART, USB

Related Tags

Micrel / Microchip Technology ATSAM4E8CA-CU	ATSAM4E8CA-CU Distributor	ATSAM4E8CA-CU Supplier
ATSAM4E8CA-CU Price	ATSAM4E8CA-CU Pictures	ATSAM4E8CA-CU Image
ATSAM4E8CA-CU PDF Datasheet	ATSAM4E8CA-CU Download Datasheet	ATSAM4E8CA-CU Datasheet
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Micrel / Microchip Technology ATSAM4E8CA-CU	Microchip Technology ATSAM4E8CA-CU	Roving Networks / Microchip Technology ATSAM4E8CA-CU

Related Products

 ATSAM4E8CB-CNR Manufacturers: Micrel / Microchip Technology Description: SRAM In stock: Out stock RFQ	 ATSAM4E8CA-CUR Manufacturers: Microchip Technology Description: IC MCU 32BIT 512KB FLASH 100BGA In stock: Out stock RFQ
 ATSAM4E8CA-AN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: 540 pcs RFQ	 ATSAM4E8CB-AN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: 540 pcs RFQ
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 ATSAM4E16EB-CNR Manufacturers: Micrel / Microchip Technology Description: SRAM In stock: Out stock RFQ	 ATSAM4E8CB-CN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 100BGA In stock: 520 pcs RFQ
 ATSAM4E8CA-AUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: Out stock RFQ	 ATSAM4E16EB-CN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 144LFBGA In stock: 66 pcs RFQ