

	ATSAM4E8CA-CU Manufacturer Part Number: ATSAM4E8CA-CU Manufacturer/Brand: Micrel / Microchip Technology Part of Description: IC MCU 32BIT 512KB FLASH 100BGA Datasheets: PDF 1.ATSAM4E8CA-CU.pdf PDF 2.ATSAM4E8CA-CU.pdf RoHs Status: RoHS Lead free / RoHS Stock Condition: Compliant New original, 2652 pcs Stock Available. Ship From: Hong Kong Shipment Way: DHL/Fedex/TNT/UPS/EMS
Image may be representation. See specs for product details.	

Specifications	
Part Number	ATSAM4E8CA-CU
Manufacturer	Micrel / Microchip Technology
Description	IC MCU 32BIT 512KB FLASH 100BGA
Category	Integrated Circuits (ICs) > Embedded - Microcontrollers
Part Status	2652 pcs Stock
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
Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	79
EEPROM Size	-
Data Converters	A/D 16x12b, D/A 2x12b
Core Size	32-Bit
Core Processor	ARM® Cortex®-M4
Connectivity	CAN, Ethernet, IrDA, MMC/SD, SPI, UART/USART, USB

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