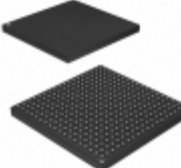
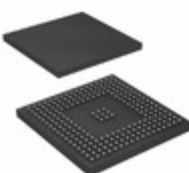
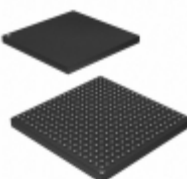


Specifications	
Part Number	AT91SAM9M10C-CU-999
Manufacturer	Micrel / Microchip Technology
Description	IC MCU 32BIT 64KB ROM 324TFBGA
Category	Integrated Circuits (ICs) > Embedded - Microcontrollers
Part Status	2676 pcs Stock
Voltage - Supply (Vcc/Vdd)	0.9 V ~ 1.1 V
Supplier Device Package	324-TFBGA (15x15)
Speed	400MHz
Series	SAM9M
RAM Size	128K x 8
Program Memory Type	ROM
Program Memory Size	64KB (64K x 8)
Peripherals	AC'97, DMA, LCD, POR, PWM, WDT
Packaging	Tape & Reel (TR)
Package / Case	324-TFBGA
Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	160
EEPROM Size	-
Data Converters	A/D 8x10b
Core Size	16/32-Bit
Core Processor	ARM9®
Connectivity	EBI/EMI, Ethernet, I²C, SPI, SSC, UART/USART, USB

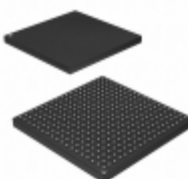
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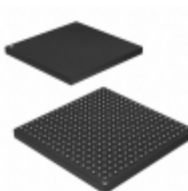
AT91SAM9M10-CU
Microchip Technology
IC MCU 32BIT 64KB ROM
324TFBGA



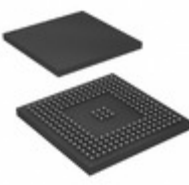
AT91SAM9N12-CUR
Microchip Technology
IC MCU 32BIT 128KB ROM
217BGA



AT91SAM9M11-CU
Microchip Technology
IC MCU 32BIT 64KB ROM
324TFBGA



A photograph showing the AT91SAM9M10-EKES evaluation kit components laid out on a white surface. The central item is a green printed circuit board (PCB) populated with various electronic components. To its left is a black power supply unit with a cooling fan. Below the PCB are several small, square integrated circuits. To the right of the PCB is a black USB-to-UART cable with a standard USB-A connector on one end and a smaller connector on the other. Further right is a small, clear plastic component, possibly a crystal or a small module. A silver screwdriver lies horizontally at the bottom right of the kit's components.



AT91SAM9N12-CU
Microchip Technology
IC MCU 32BIT 128KB ROM
217BGA

A photograph showing the AT91SAM9M10-G45-EK evaluation kit components. The central item is a green printed circuit board (PCB) populated with various electronic components, including a large black integrated circuit (the microcontroller), several capacitors, resistors, and connectors. Surrounding the main board are several accessories: a black power supply unit, a blue USB-to-UART bridge module, two black cables with different connectors, and a pair of white-handled wire cutters or pliers. The entire kit is displayed against a plain white background.

More

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