

## SYSTEM ON MODULE ATMEL AT91SAM9263

The SBC-9263 is a low-power, compact high-performance system-on-module based on Atmel MCU AT91SAM9263B. The module is designed in 200-pin SODIMM form-factor with dimensions just 67 x 47 mm.

The SBC-9263 architecture delivers enough performance to design industrial control units with GUI and embedded network applications. This is a hardware and software solution that reduces development risks and enables rapid embedded systems design.

The SBC-9263 is supplied with full set of utilities required for fast software development for the end-user Linux Embedded applications: royalty free GNU toolchain, Linux BSP including different kernel versions and file systems, AT91 In-system Programmer (ISP). Our WIKI help system is full of instructions for initial power-up of the SOM and further software development under Linux.



### Mentor Electronics LLC

28-4 Lenina St  
Kolomna  
140414  
Russian Federation

Tel: +7 (495) 646-0413  
Tel: +7 (916) 771-1255  
www.mentor-el.com

Sales department:  
sale@mentor-el.com

### Technical Details:

- ◆ ARM926EJ-S-based 200 MHz
- ◆ 64MB 32bit SDRAM
- ◆ 64MB NOR Flash (can be an option)
- ◆ 10/100 Mb Ethernet PHY
- ◆ Static EMIF on SODIMM pins
- ◆ NAND interface on SODIMM pins
- ◆ 6-channel audio front-end interface (AC97)
- ◆ Two ports USB 2.0 HOST Full-speed
- ◆ USB 2.0 Device Full-speed
- ◆ 1 Mbps control area network (CAN)
- ◆ Debug Unit (DBGU)
- ◆ 3 UART channels on SODIMM pins
- ◆ Two 50 Mbps SPI
- ◆ 4 channel MMC/SDIO
- ◆ 18 bit TFT/STN interface
- ◆ SODIMM200 module (67x46mm)

### Applications:

- ◆ Industrial control with GUI
- ◆ Personal navigation devices (PND)
- ◆ Automobile navigation devices
- ◆ Medical devices
- ◆ Automobile test systems
- ◆ VoIP