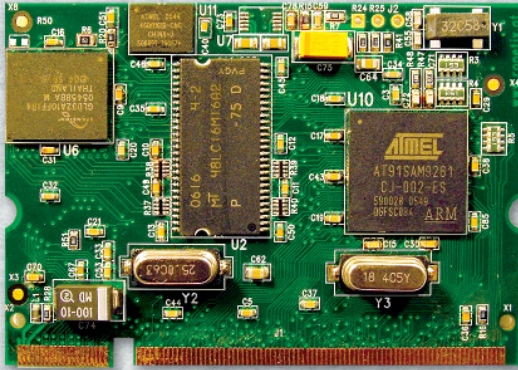


PM9261

CPU Module with ATMEL AT91SAM9261

**LINUX**
POWERED

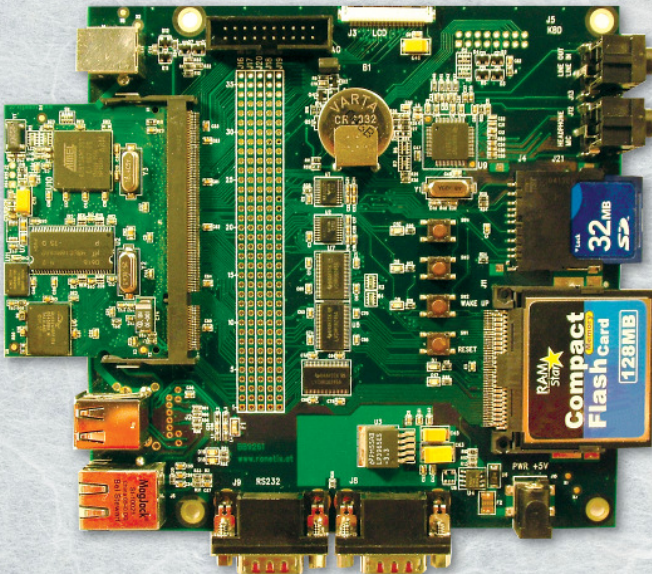
AT91SAM9261 CPU module:

- ✓ ARM926E, 240 MHz
- ✓ 64MB SDRAM, 32-bit
- ✓ 256 MB NAND Flash, 16-bit
- ✓ 4 MB NOR Flash, 16-bit
- ✓ 2 MB DataFlash, serial SPI
- ✓ SPI EEPROM
- ✓ 10/100 Mbit/s Ethernet
- ✓ Serial number chip DS2401
- ✓ SODIMM200 module, 67x47mm
- ✓ Starter Kit available

AT91SAM9261 Key Features:

- ▶ ARM926EJ, 240MHz
- ▶ DSP Instruction Extentions
- ▶ ARM Jazelle Technology
- ▶ 16 KB Data Cache
- ▶ 16 KB Instruction Cache
- ▶ Memory Managment Unit
- ▶ Embedded ICE
- ▶ 32 KB Internal ROM
- ▶ 160 KB Fast internal RAM
- ▶ 217 balls LFBGA
- ▶ Low Power, Vcore 1.2V

STARTER KIT with ATMEL AT91SAM9261



LINUX
POWERED

For an easy and quick start the package includes:

- ▶ **PM9261 - CPU module with AT91SAM9261:**
 - ✓ AT91SAM9261, 240MHz
 - ✓ 64MB SDRAM
 - ✓ 256 MB NAND Flash
 - ✓ 4 MB NOR Flash
 - ✓ 2 MB DataFlash
 - ✓ 10/100 Mbit/s Ethernet
- ▶ **BB9261 - Base board**
 - ✓ LCD, Audio
 - ✓ MMC/SD slot
 - ✓ CompactFlash
 - ✓ USB Host, USB Slave
 - ✓ JTAG connector
 - ✓ Buttons, LEDs
- ▶ **Power supply**
- ▶ **Schematics**
- ▶ **Toolchain for Linux and Windows:**
 - ✓ GNU Tools
 - ✓ Eclipse
 - ✓ Insight
 - ✓ Examples
- ▶ **U-boot**
- ▶ **Linux**
- ▶ **PEEDI - JTAG Emulator and Flash Programmer:**
 - ✓ allows very fast JTAG debugging
 - ✓ can program NOR Flash, NAND Flash and DataFlash devices
 - ✓ can program JFFS2 images
 - ✓ can be used in Standalone mode
 - ✓ one pass programming of bootloader, Linux kernel and root filesystem (NAND)

