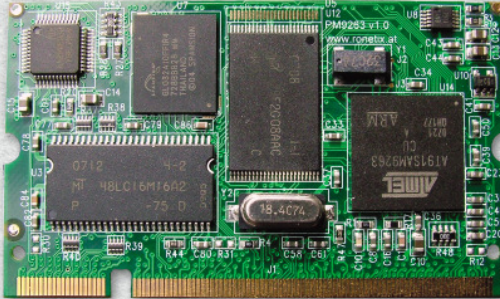


PM9263

CPU Module with Atmel AT91SAM9263

**LINUX**
POWERED

AT91SAM9263 CPU Module:

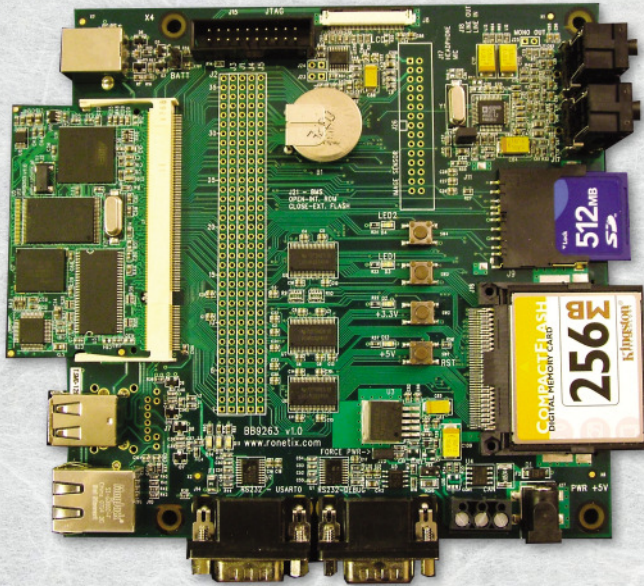
- ✓ ARM926E, 240 MHz
- ✓ 64 MB SDRAM, 32-bit
- ✓ 256 MB NAND Flash
- ✓ 4 MB NOR Flash, 16-bit
- ✓ 4 MB Video RAM
- ✓ 2 MB DataFlash, serial SPI
- ✓ 10/100 Mbit/s Ethernet
- ✓ Serial number chip DS2401
- ✓ SODIMM200 module, 67x40mm
- ✓ Starter Kit available

AT91SAM9263 Key Features:

- ▶ ARM926EJ-S, 240 MHz
- ▶ DSP Instruction Extensions
- ▶ ARM Jazelle Technology
- ▶ 16 KB Data Cache
- ▶ 16 KB Instruction Cache
- ▶ Memory Management Unit
- ▶ Dual External Bus Interface
- ▶ DMA Controller
- ▶ 2D Graphic Accelerator
- ▶ CAN Interface
- ▶ AC97 Interface
- ▶ 96 KB Fast Internal RAM
- ▶ 324 balls LFBGA
- ▶ Low power, Vcore 1.2V

STARTER KIT

with Atmel AT91SAM9263

**LINUX**
POWERED

For an easy and quick start the package includes:

▶ **PM9263 - CPU Module with AT91SAM9263:**

- ✓ AT91SAM9263, 240 MHz
- ✓ 64 MB SDRAM
- ✓ 256 MB NAND Flash
- ✓ 4 MB NOR Flash
- ✓ 4 MB Video RAM
- ✓ 2 MB DataFlash
- ✓ 10/100 Mbit/s Ethernet

▶ **BB9263 - Base Board:**

- ✓ LCD, Audio
- ✓ MMC/SD slot
- ✓ CompactFlash
- ✓ USB Host, USB Device
- ✓ CAN connector
- ✓ JTAG connector
- ✓ Buttons, LEDs

- ▶ Power supply
- ▶ Schematics



▶ **Toolchain for Linux and Windows:**

- ✓ GNU Tools
- ✓ Eclipse
- ✓ Insight

▶ **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)

