

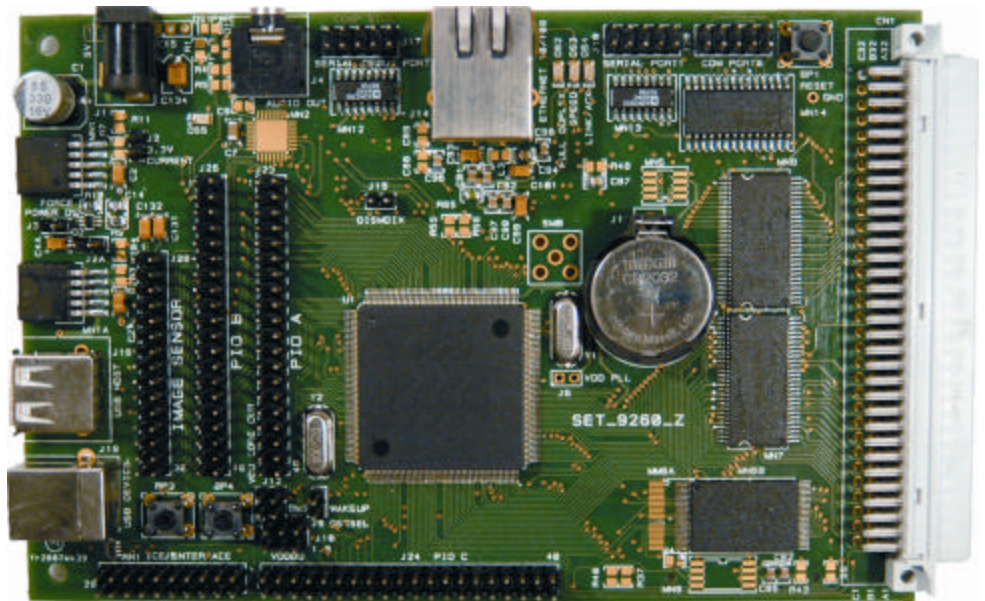


Shresta eTechnologies Pvt Ltd

ARM 9 Board

Hardware Features

- ARM 9 Board based on AT91SAM9 series based on the 200+ MIPS ARM926EJ-S™ processor
- 64 Mbytes of SDRAM memory
- 256 Mbytes of NAND Flash memory
- 1 Serial Data-Flash
- 1 Serial EEPROM
- 1 USB (2.0) device port interface
- 1 USB (2.0) Host port interfaces



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- 1 DBGU serial communication port
- 1 complete MODEM serial communication port
- 1 additional serial communication port with RTS/CTS handshake control
- JTAG/ICE debug interface
- 1 PHY Ethernet 100-base TX with three status LEDs
- 1 Audio DAC
- 1 Power LED and one general-purpose LED
- 2 user input push buttons
- 1 Wakeup input push button
- 1 reset push button
- 1 Data-Flash, SD/MMC card slot
- 4 expansion connectors (PIOA, PIOB, PIOC, IMAGE SENSOR)
- 1 External Bus Interface (EBI) Signals Routed through 96 Pin EURO Connector
- 1 Lithium Coin Cell Battery Retainer for 12 mm cell size
- On-board 1.8V High Efficiency step-down charge pump regulator with shutdown control
- On-board 3.3V linear regulator with shutdown control
- Compact Size (100mm x 150 mm)

Software Features

- Based on the latest Linux kernel, this reference distribution provides support for the following devices:
 - Ethernet
 - Serial
 - USB (host & device)
 - SPI
 - NAND Flash
 - SD/MMC
- GCC based toolchain distribution
- Real-Time Enhancements
- Cross Development Tools for Cygwin Hosts & Linux Hosts
- Hundreds of cross-compiled, ready-to-use application examples
- Developer Exchange community access
- PCT - Platform Customization Tool
- ADT - Application Development Tool
- LVS - Linux Verification Suite
- LPS - Linux Profiling Suite

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