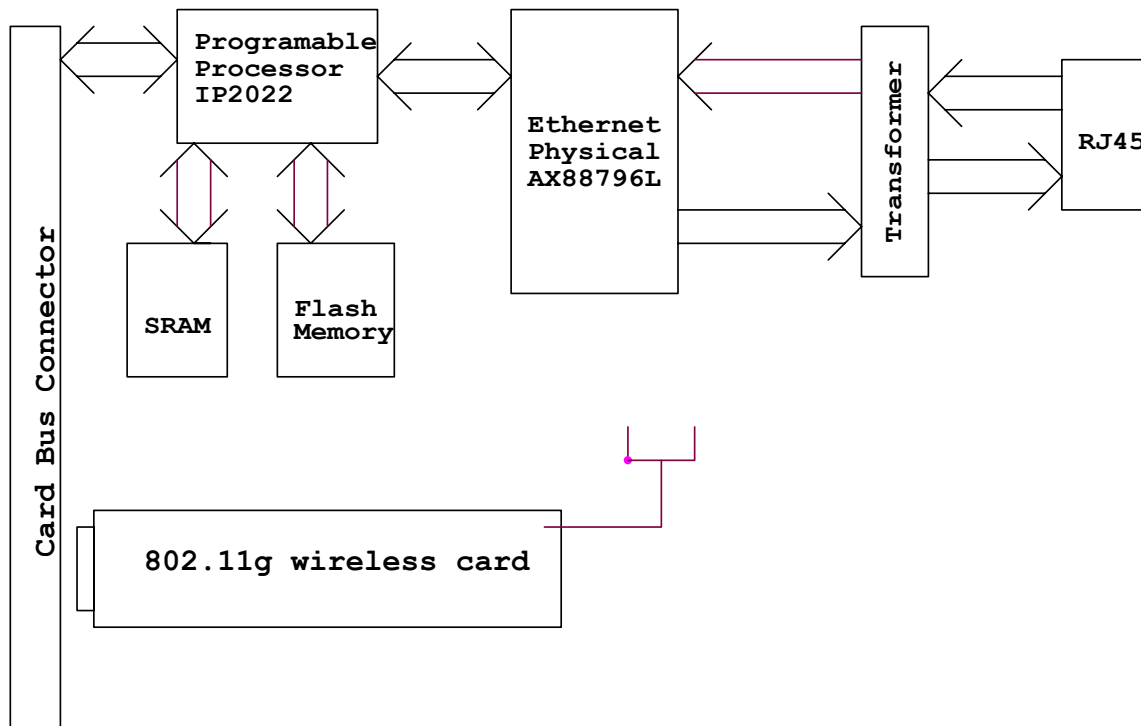


AU802C Theory of Operations

Functional Description



IP2022: IP2022 Internet Processor is the core processor of the 802.11gAP. It connects with 802.11g wireless PCMCIA card and Ethernet controller. It combines support for communication physical layer, Internet protocol stack, device-specific application, and device-specific peripheral software modules.

SRAM: Store the program and data that run on IP2022.

Flash: Store firmware and parameter used in processing.

AX88796L: The AX88796 Fast Ethernet Controller is a high performance and highly integrated local CPU bus Ethernet Controller with embedded 10/100Mbps PHY/Transceiver and 8K*16 bit SRAM. It connected with Ip2022 with local ISA bus. The AX88796 implements both 10Mbps and 100Mbps Ethernet function based on IEEE802.3 / IEEE802.3u LAN standard.

Transformer: Cable interface for isolation and low common mode emissions.

RJ45: Ethernet connect.